352.0744
W81
1911

352.0744
W81
1911

ANNUAL REPORT

OF THE

GOVERNMENT

OF THE

CITY OF WOBURN

FOR THE YEAR

1911

THE NEWS PRINT, WOBURN, MASS.
1912

ANNUAL REPORT

OF THE

GOVERNMENT

OF THE

CITY OF WOBURN

UNIVERSITY OF ILLINOIS LIBRARY
AUG 1 2 1916

FOR THE YEAR

1911

THE NEWS PRINT, WOBURN, MASS.
1912

352.0744
W 81
1911

Mun. Ref.

25 Ag. 16 MHC

Government of the City of Woburn

1911

Mayor,

HON. HUGH D. MURRAY,

78 Montvale Avenue.

Office Hours:

Monday, Tuesday, Thursday, Friday from 9 to 11 a. m., and Tuesday and Thursday evenings, 7 to 8.

Members of the City Council for 1911.

ALDERMAN WILLIAM H. HENCHEY, President.

Aldermen-at-Large.

JENS. J. S. ANDREASON, 42 Montvale Road.
DENNIS P. BLAKE, 35 Houghton Street.
JAMES BOYLE, 154 Washington Street.
THOMAS E. CALLAHAN, 84 Eastern Avenue.
THOMAS H. CANNON, 146 Montvale Avenue.
HARRY A. JONES, 27 Salem Street.
JOHN JOSEPH McHUGH, 16 Eaton Avenue.
FRANK D. SULLIVAN, 51 Pleasant Street.

Aldermen from Wards.

Ward 1. FRANK McDEVITT, 6 Buckman Street.
Ward 2. J. FRED MALONEY, 105 Montvale Avenue.
Ward 3. WILLIAM H. HENCHEY, 122 Winn Street.
Ward 4. WILLIAM G. KELLEY, 78 Broad Street.
Ward 5. JAMES CORRIGAN, 101 Pine Street.
Ward 6. WALTER R. MERCHANT, 33 School Street.
Ward 7. JOHN J. GEARY, 135 Bedford Street.

25 Ag. 16 Direct g. 1911 cont

Clerk.

*JOHN H. FINN, 36 Chestnut Street.

DENNIS L. SULLIVAN, 40 Union Street.

Regular meetings, first and third Thursdays of each month, at 8 o'clock p. m.

Standing committees of the City Council for 1911.

ACCOUNTS—McHugh, Callahan, Merchant, Kelley, Andreason.

CLAIMS AND BONDS—Andreason, Cannon, McHugh, McDevitt, Maloney.

FINANCE—President Henchey, Andreason, Geary, Jones, Corrigan, Cannon, Maloney.

FIRE—Cannon, Boyle, Callahan, Merchant, Blake.

HIGHWAYS—Boyle, Callahan, Kelley, Geary, Maloney.

ORDINANCES—Jones, Blake, Maloney, Kelley, Corrigan.

POLICE and LICENSES—Blake, Sullivan, Merchant, Kelley, Boyle.

PRINTING—Geary, Sullivan, McDevitt, Corrigan, Merchant.

RAILROADS and STREET RAILWAYS—Sullivan, Andreason, Jones, McDevitt, McHugh.

SALARIES—Corrigan, Callahan, Cannon, McHugh, Jones.

STATE and MILITARY AID—McDevitt, Boyle, Sullivan, Blake, Geary.

Standing Committee Appointments for 1911.

PRESIDENT HENCHEY—Finance.

ANDREASON—Accounts, Claims and Bonds, Finance' Railroads and Street Railways.

BLAKE—Fire, Ordinances, Police and Licenses, State and Military Aid.

*Deceased.

BOYLE—Fire, Highways, Police and Licenses, State and Military Aid.

CALLAHAN—Fire, Highways, Salaries, Accounts.

CANNON—Claims and Bonds, Finance, Fire, Salaries.

CORRIGAN—Finance, Salaries, Ordinances, Printing.

GEARY—Finance, Highways, Printing, State and Military Aid.

JONES—Finance, Ordinances, Salaries, Railroads and Street Railways.

KELLY—Accounts, Police and Licenses, Ordinances, Highways.

MALONEY—Claims and Bonds, Finance, Highways, Ordiances.

MERCHANT—Accounts, Fire, Police and Licenses, Printing.

McDEVITT—Claims and Bonds, Printing, State and Military Aid, Railroads and Street Railways.

McHUGH—Accounts, Claims and Bonds, Railroads and Street Railways, Salaries.

SULLIVAN—Police and Licenses, Printing, Railroads and Street Railways, State and Military Aid.

Special Committee.

RULES and ORDERS—President Henchey, Aldermen Boyle and Jones.

Clerk of Committees.

WILLIAM A. LYNCH, 17 Thornton Street.

BOARD OF PUBLIC WORKS

HON. HUGH D. MURRAY, President,
78 Montvale Avenue.

Commissioner of Streets.
MICHAEL J. KENNEDY, 15 Highland Street
Term expires first Monday in January, 1915.

Commissioner of Water and Water Supply.
WILLIAM H. CONWAY, 17 Porter Street
Term expires first Monday in January, 1912

Commissioner of Sewers.
DANIEL J. CAREY, 16 Munroe Street.
Term expires first Monday in January, 1913.

Commissioner of Public Buildings and Grounds.
JAMES H. KELLEY, 25 Stoddard Street.
Term expires first Monday in January, 1914.

Clerk.
JAMES McAVOY, 11 Thorn Street.

Water Registrar.
REDMOND E. WALSH, 14 Bedford Street.

Superintendent of Water Works.

ROBERT SPENCER, 87 Winn Street.

Engineer at Pumping Station.

EDWARD P. POLLARD, 9 Cove Street.

Watchman at Pumping Station.

WILLIAM KERWIN, 7 Buck Street.

Superintendent of Sewers.

FRANCIS W. BELLEW, 21 Highland Street.

Superintendent of Streets

HUGH MARTIN, 40 Harrison Avenue.

CITY OFFICERS

City Clerk.
*JOHN H. FINN, 36 Chestnut Street.
DENNIS L. SULLIVAN, 40 Union Street.

City Treasurer.
JAMES F. McGRATH, 14 Eaton Avenue.

Auditor of Accounts.
ROBERT J. CORRY, 35 Bedford Street.

Collector of Taxes.
BERNARD J. GOLDEN, 152 Washington Street.

Deputy Collector of Taxes.
SAMUEL T. HOOPER, 119 Washington Street.

City Solicitor.
DENNIS L. SULLIVAN, 40 Union Street.

City Physician.
THOMAS E. CAULFIELD, M. D. 14 Church Avenue.

Clerk of Committees.
WILLIAM A. LYNCH, 17 Thornton Street.

City Messenger.
FRANCIS W. BELLEW, 21 Highland Street.

Chief of Police.
CHARLES F. McDERMOTT, 29 Scott Street.

Superintendent of Schools.
GEORGE I. CLAPP, 47 Montvale Avenue.

*Deceased.

COMMISSIONS AND DEPARTMENTS

Assessors.

ARTHUR E. GAGE, Chairman .....Term expires 1912
JAMES H. CONNOLLY, Secretary. ....Term expires 1913
BERNARD J. McHUGH, ...Term expires 1914

Assistant Assessors.

Ward 1 ..... RUFUS C. HAYWARD
Ward 2 ..... THOMAS J. MARTIN
Ward 3 ..... CHARLES J. PORTER
Ward 4 ..... ALOYSIUS W. JONES
Ward 5 ..... WILLIAM F. GREENOUGH
Ward 6 ..... JOHN T. O'NEIL
Ward 7 ..... WILLIAM A. LYNCH

Cemetery Commissioners

EDWARD CALDWELL .....Term expires 1915
ANDREW R. LINSCOTT, Clerk .....Term expires 1912
HERBERT S. DICKINSON .....Term expires 1913
RAYMOND M. ALDRICH .....Term expires 1914
PETER ANDERSON .....Term expires 1916
MARCUS H. COTTON, Superintendent.

Board of Health.

HENRY C. HALL, Clerk .....6 Court Street
VERNON C. STEWART, M.D. Chairman, Term expires 1914
JOHN J. CARROLL, M. D. .....Term expires 1913
ROBERT CORRY.....Term expires 1912

Inspector of Plumbing.

MAURICE DINNEEN, 58 Harrison Avenue.

Agent, THOMAS MULKEEN, 106 Pleasant Street.

Police Department.

CHARLES F. McDERMOTT, Chief, 27 Scott Street.

THOMAS MULKEEN, Lieutenant, 106 Pleasant Street.

Regular Officers.

AUSTIN G. FRENCH
EDWARD FOUNTAIN
HARTLEY J. TARR
CLARENCE H. KEAN
GEORGE E. SHEA
JOHN A. WALSH
BERNARD A. MURPHY
TIMOTHY E. WALSH
WILLIAM E. ROONEY
MICHAEL T. HICKEY
PHILIP A. McKENNA
JOHN. J. ROCHE
EDWARD T. O'NIEL

Special Officers.

JAMES E. BOUTWELL
JAMES HENCHEY
EDWARD F. GORMAN
PATRICK MULRANIN
CHARLES E. McCARTHY
TIMOTHY E. KEATING
CHARLES R. McCAULEY

Keeper of Lockup.

AUSTIN G. FRENCH

Special Police Without Pay.

JOHN CONNOLLY
WILLIAM T. KENDALL
JOHN J. SKINNER
EDWARD P. POLLARD
JAMES T. KING
THOMAS W. MURPHY
JAMES F. McGOVERN
WILLIAM G. GRAHAM
LEON L. DORR
GEORGE WEAFER
GEORGE H. PLATTS
MICHAEL WALSH
PATRICK FEENEY
EDWARD BANWELL

JOHN G. GRAHAM
PATRICK LYDON
ARTHUR T. KENNEY
ADAM BUSTARD
JOHN HAMMOND
CHARLES A. WEBBER
JONATHAN C. ELA
JAMES J. CARROLL
JOHN E. CONNELL
WILLIAM J. HAMMOND
DAVID POPE
JOHN THOMPSON

License Commissioners

WILLIAM E. BLODGETT .....Term expires 1914
EDWARD S. LYONS .....Term expires 1910
FRANK W. GREYDON .....Term expires 1912

Civil Service Examiners

HERBERT B. DOW, Chairman.
FRANK A. PARTRIDGE

Fire Department

FRANK E. TRACY, Chief .....Term expires 1912
JOHN F. KENNEY, Assistant .....Term expires 1912

Forest Warden.

FRANK E. TRACY

Sinking Fund Commissioners

JOHN J. COSTELLO .....Term expires 1912
EDWARD F. JOHNSON .....Term expires 1913
JAMES SKINNER .....Term expires 1911
JAMES F. McGRATH, Treasurer.

Trustees of Public Library

EDWARD F. JOHNSON, President.
JOHN G. MAGUIRE, Clerk.

FRANK B. RICHARDSON .....Term expires 1912
JOHN O. RAY .....Term expires 1913
DR. PETER A. CAULFIELD .....Term expires 1914
REV. JAMES J. KEEGAN, HERBERT B. DOW
REV. HENRY C. PARKER, WILLIAM F. DAVIS

GEORGE HILL EVANS, Librarian.

WILLIAM R. CUTTER, Librarian Emeritus

Trustees of Eunice Thompson Memorial Library.

FRANK B. FRENCH .....Term expires Jan. 10, 1914
ANDREW R. LINSCOTT, Chairman,
Term expires Jan. 10, 1913
PHILIP H. O'BRIEN, ...Term expires Jan. 10, 1912

Registrars of Voters

FRED F. LOWELL .....Term expires 1913
JOHN C. MEEHAN .....Term expires 1914
JOHN C. N. PARKER .....Term expires 1912
*JOHN H. FINN, Clerk, ex-officio.
DENNIS L. SULLIVAN, Clerk, ex-officio.

Overseers of the Poor.

WILLIAM H. JONES, Secretary and Treasurer,
Term expires 1913
RICHARD T. MACK, Chairman .....Term expires 1912
CHARLES HART .....Term expires 1914
J. FRED LESLIE, Almoner.

Master of Almshouse and Workhouse,

THOMAS J. BEGLEY.

*Deceased

School Committee.

HERBERT B. DOW, Chairman, ...Term expires 1912
CLARA NICHOLS KELLEY .....Term expires 1912
FRANK B. RICHARDSON .....Term expires 1912
GRACE L. NORRIS .....Term expires 1913
SAMUEL W. MENDUM .....Term expires 1913
JOHN G. MAGUIRE .....Term expires 1913
ELIZABETH LANE KELEHER .....Term expires 1914
CHARLES C. CLARKE .....Term expires 1914
WILLIAM W. CROSBY .....Term expires 1914

Superintendent and Secretary,

GEORGE I. CLAPP, 47 Montvale Avenue.

Constables.

THOMAS MULKEEN DENNIS C. WALSH
JAMES H. HENCHEY FRANCIS W. BELLEW
THOMAS J. BEGLEY

Dog Constable.

JAMES M. CALLAHAN

Fence Viewers.

JAMES H. DOHERTY ROBERT H. CORRY
CHARLES E. SMITH

Field Driver.

GEORGE W. COPP

Inspector of Milk and Vinegar.

EDWARD P. KELLEY, M. D.

Inspector of Animals and Provisions.

JAMES N. STUART

Measurers of Upper Leather.

DANIEL W. BOND
THEODORE G. BOUTELLE

Surveyors of Lumber.

HENRY S. CONVERSE
ARTHUR S. DELORIEA
JOSEPH H. PARKER
CLARENCE LITTLEFIELD
MARK DOWNS

Janitor of Municipal Building.

JOHN CONNOLLY

Measurers of Wood and Bark.

ARTHUR G. LORING
ALVA S. WOOD
MARK DOWNS
HENRY S. CONVERSE
JOHN S. JAQUITH
NORMAN E. GATES
CLARENCE LITTLEFIELD
WALTER SELLARS
DAVID W. BROWN
PHILIP H. O'BRIEN

Public Weighers.

LEWIS W. CLAFFY
ANNA CUMMINGS
GEORGE A. LOCKE
AUGUST NELSON
DANIEL F. CALLAHAN
ALFRED T. CARTER
W. PRIOR CHUTE
WILLIAM H. HENCHEY
HENRY M. EAMES
HENRY S. CONVERSE
WALTER I. ASHBEE
PHILIP H. O'BRIEN
WILLIAM H. CALDWELL
LEVI FURBUSH
FRANK W. CHAPMAN
WALTER SELLARS
NORMAN E. GATES
WILLIAM B. DARLING
WALTER C. KNAPP
T. FRANK McKITTRICK
CHARLES V. BLACKBURN
DANIEL P. O'BRIEN
CHARLES A. CUMMINGS
THOMAS J. SHANNON
THOMAS H. MARRINAN
LOUIS A. CHUTE
CHARLES L. YOUNG
OLOF OLSON

Weighers of Coal.

PATRICK J. WOODS
EDWARD P. POLLARD
HERBERT E. LORD
ROBERT B. WYMAN
FRANK J. MULLEN

Undertakers.

LAWRENCE READE
WILLIAM E. McLAUGHLIN
BERNARD J. McLAUGHLIN
MICHAEL J. DOHERTY
OLIVER H. FESSENDEN
BENJAMIN A. TRIPP
CHARLES E. TRIPP
GEORGE E. TRIPP
EDWARD E. LYNCH
PATRICK J. COX

Sealer of Weights and Measures.

GEORGE F. HOSMER

Report of the City Clerk

City Clerk's Office, Woburn, Mass.
February 1, 1912.

To the Honorable City Council:

Gentlemen:—The following is respectfully submitted as the report of the City Clerk for the year ending December 31st, 1911.

The receipts from licenses, etc; have been as follows;

For issuing marriage licenses, 125 at $1.00	$125 00
For recording mortgages and similar papers,	51 25
Auctioneers,	10 00
Circus,	5 00
Common Victualer's,	70 00
Druggist's Sixth Class,	5 00
Express,	6 00
Ice-Cream, (Sale of on Sundays,)	10 00
Intelligence Offices,	4 00
Junk, [Collecting,]	200 00
Night Lunch Wagon,	50 00
Pool and Billiard Tables & Bowling Alleys,	215 00
Public Carriages and Job Wagons,	17 00
Slaughter House,	2 00
Theatre,	5 00
	$775 25

I have received the above amount for the year 1911, as fees from the City Clerk.

JAMES F. McGRATH,
City Treasurer.

MONEY RECEIVED FROM DOG LICENSES

Males, 456 at $2.00	$ 912 00	
Females, 38 at $5.00	190 00	
Breeders, 1 at $25.00	25 00	
		$1,127 00

Payments: J. O. Hayden, County Treasurer;		
June 1st, 1911	$ 573 80	
December 1st, 1911	454 20	
Clerk's Fees,	99 00	
		$1,127 00

I have examined the accounts of the City Clerk for the year ending December 31st, 1911, and find the same to be correct.

ROBERT J. CORRY,
City Auditor.

BIRTHS, DEATHS AND MARRIAGES

The statistics of the office are as follows:

Births, 1911.

Number of births, (Still-Births, not included) 350

RECORD OF BIRTHS IN THE CITY OF WOBURN DURING THE YEAR 1911

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
January		
1	John Francis Meehan	Bernard S. Meehan, Sadie Frances Gallagher
1	Elmer Adrain Mickels	Adrain Mickels, Alma Anderson
1	Camela Parise	Antonio Parise, Giani Coglitore
1	Dorothy Stonebridge Robinson	Ferdinand C. Robinson, Dorothy Finch
1	Edwin Freeman Wells	George B. Wells, Mary J. Boviard
2	Edward Desmond	Timothy V. Desmond, Rose V. Barry
2	William James McCrea	James P. McCrea, Elizabeth M. Deane
4	William Francis Dwyer	Thomas P. Dwyer, Annie L. Landers
5	William Augustus Brewster	Willam C. Brewster, Josephine Scott
5	Frances Emily Howley	Patrick Francis Howley, Eva May Sheridan
6	James Foley	James Foley, Alice M. Martin
6	John Joseph Metrano	Cosmo Metrano, Catherine Keenan
7	Joanna Mary McGrath	John Michael McGrath, Elizabeth M. Buttimer
8	Thomas Duncan Foley	Charles J. Foley, Catherine McMillan
10	Phillip Connolly	John J. Connolly, Ellen Doherty
12	Ruth Marion Hamilton	Alexander M. Hamilton, Eva G. Reynolds

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
January		
12	William Emerton Miller Jr.	William E. Miller, Georgiana Taylor
18	Marion Elizabeth Dulong	John Dulong, Jennie Jacquard
19	George Alfred Muse	Joseph Muse, Elizabeth Doucette
20	Agnes Josephine McAteer	John McAteer, Martha Power
21	Esther Lynch	Thomas K. Lynch, Susie B. McCall
21	Eva May McKenzie	John A. B. McKenzie, Celia Rafter
22	Dorothy Benoit	Simon Benoit, Florida Parquette,
22	Walter Kelley	John Kelley, Mary E. Lowder
29	Evelyn Ruth LeSage	Frank Eugene LeSage, Mary K. Carney
30	Edward Watt	G. Fred Watt, Elizabeth Brannigan
31	Mary Elizabeth Graham	Frank H. Graham, Rebecca J. Graham
31	Ruth Elizabeth Snodgrass	Charles G. Snodgrass, Elizabeth Richburg
February		
3	Lucy Sophia Rogash	Joseph Rogash, Saboriea Roebeck
3	Lilly Osolin	Christopher Osolin, Anna Gulbe
5	Winfield Kimball Lang	Winfield R. Lang, Nancy D. McLaughlin
7	Eleanor Foley	Daniel Foley, Ella Carr
8	Alice Gertrude Mahoney	Daniel J. Mahoney, Mary Brannigan
8	Ruth Edson Neville	George Neville, Louise M. Blaisdell
9	Charles Henry Moloy	John Francis Moloy, Susan Connors

9	Josephine Quinn	Hugh Thomas Quinn, Ellen Riley
10	Michael McColgan	Michael McColgan, Annie McGonagle
11	Sidney Elmer Brown	Sidney Brown, Etta May Dearborn
12	Edward Murray	James Murray, Abbie G. Wall
13	Paul Stanton	Robert Stanton, Ida Fedelia Andrews
15	Francis Rooney	John Rooney, Catherine McKay
17	Margaret Loretta Matthews	Thomas Henry Matthews, Rose Hamilton
17	Donald Murray Towse	Daniel M. Towse, Mary Jane Lerette
18	Stella Mary Davis	Everett H. Davis, Mary A. Dwyer
18	George Robinson	John Oliver Robinson, Claudia L. Dickey
19	Paul Francis Morgan	Richard A. Morgan, Mary A. Collins
20	Alfonzo Massaro	Frank Massaro, Congetta Pappalardo
21	James McCauley	Martin J. McCauley, Margaret McCabe
21	Charles Sylvester Waters	Sylvester Waters, Mary Burns
21	William Henry Vallencourt	Henry Vallencourt, Mary Burke
22	Leo Murray,	Thomas Joseph Murray, Susan Grant
22	Patrick Romando	Nicholas Romando, Angelina Nass
23	Charles A. Brady	Frank Brady, Mary Riley
23	John Hurld	Daniel Hurld, Mary Gallagher
27	Susie Quino	Martin Quino, Isabel Vasina
28	Bertha Elizabeth Warren	Edwin H. Warren, Helen Ware Welch

March

2	John Giordano	Dominico Giordano, Sofie Eastanza

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
March		
2	William Kulikowsky	Adam Kulikowsky, Anna Schumann
4	William Patrick Hession	Patrick Hession, Mary Brown
5	William Arthur Roach	William Roache, Margaret Gilgun
7	Margaret Anne Conway	William H. Conway, Margaret A. McKeon
8	Bernard Collins	James H. Collins, Ella Daily
8	Albert Amos Young	Albert Amos Young, Maud Dearborn
10	James Boviard	William H. Boviard, Mary McCarron
10	Michael Brogna	Joseph Brogna, Louise Campana
10	James Carroll	James Carroll, Lena Mahoney
10	Ellen Gladys Victoria Nelson	August Nelson, Emma C. Swanson
11	Marshall Plympton Harrington	Henry Harrington, Susan Tufts
11	Linden Arthur Teague	Arthur Linden Teague, Mary E. Hammond
12	Gertrude Bonin	Frank Bonin, Augusta Gallagher
13	William J. Wilson	Alexander Wilson, Mary A. Buskin
15	Patrick Joseph Connolly	Coleman Connolly, Mary Coyne
18	Mary Louise Parillo	Joseph Parillo, Fortuna Carpana
18	Matilda A. Vogel	Fred Otto Vogel, Ernestine Ornstien
20	Joseph Facarilo	Michael Facarilo, Rose Paroula
21	Isabelle Annie Hefler	Harry Gladstone Hefler, Sarah Annie Murphy
21	John Joseph O'Donnell	Patrick O'Donnell, Margaret Connolly
22	Margaret Mary Ames	William Ames, Mary Daly

23	Michael John Cahill	James J. Cahill, Mary Frances Maher
24	James E. Cox	James E. Cox, Alice Cauley
24	Carrie Dorothy Curtis	Thomas J. Curtis, Florence I. Boutwell
24	Joseph Vincent Harkins	Edward J. Harkins, Anastasia Nolan
24	Edward Murphy	Ernest Murphy, Elizabeth G. Hughes
25	Nunziata Maddaline Altavesta	James Altavesta, Antonetta Romaine
25	Hugh McMorrow	James Joseph McMorrow, Mary Elizabeth Harkins
27	George Carpenter Greenwood	Frederick H. Greenwood, Mary Ann Carpenter
30	Ada Frances Foster	John C. Foster, Leona J. Hooper
31	Mary Ann Healey	Thomas W. Healey, Mary McGlinchey
31	Theresa Harris	Archie Harris, Sally Fields
31	Harriet Kaplan	Maurice Kaplan, Jennie Galetein
31	Evelyn Cecelia Partridge	Henry Thomas Partridge, Agnes Clark
April		
2	Israel Aaronson	Bernard Aaronson, Annie Michoelson
2	Helen Veronica Maraghy	John L. Maraghy, Mary E. Barber
3	Lucy Icovitti	Angelo Icovitti, Sadie Nichosia
4	Donald Orsillo	Donald Orsillo, Angeline Lutile
7	Walter Roy Collins	Willard H. Collins, Annie Louise Greene
8	Ruth Esther Callahan	Bernard J. Callahan, Mary Elizabeth Cahill
8	Leo O'Brien	Patrick A. O'Brien, Ellen Roach
11	Richard F. Dacey, Jr.	Richard F. Dacey, Katherine A. Feeney

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
April		
11	John Joseph Gorman	Edward F. Gorman, Anna Gertrude Grant
12	Ulies Maze Rybickj	Bronistaw Rybickj, Regina Sustakowska
15	Gertrude Doherty	James H. Doherty, Annie Lynch
17	Mary Dorothy Couture. Twin	Joseph Couture, Mary Pomerleau
17	Grace Delphine Couture, Twin	Joseph Couture, Mary Pomerleau
17	Joseph Vincent Degan	James Degan, Margaret Folan
18	James Lynch	Robert Lynch, Margaret J. McNeil
18	William G. Noonan	Charles H. Noonan, Sybil Grammer
18	Thomas Edward Caulfield, Jr.	Thomas Edward Caulfield, Nellie Moore
18	John Philip Temple	Charles Augustus Temple, Linnea W. Lindhe
19	Eni Venuti	Salvatore Venuti, Concetto Cangiano
19	Beatrice Corbin	Henry E. Corbin, Rebecca G. Stowers
22	Harry Edward Scott	Robert Scott, Margaret Jane Beaton
23	Harold Waldemar Johnson	Erik Johnson, Christina Nielson
25	Anna Katherine Smith	Charles Edward Smith, Jr. Henrietta D. Watt
May		
1	Joseph Aloysius Duffy	Thomas Duffy, Mary Alice O'Donnell
2	Mary Agnes Brown	Harry E. Brown, Bridget A. Cullen
3	Frederick Edward Doherty	Patrick Doherty, Ada Doherty
6	William Quinn	Thomas F. Quinn, Margaret E. Reynolds

15	Mary Costello	William Costello, Margaret Duran
18	Harold George Welch	Francis Henry Welch, Catherine Mary Clarke
19	Joseph Reginald Roulo	Joseph H. Roulo, Annie Dolan
20	Leo Carroll	Henry J. Carroll, Mary McDonough
20	Michael Joseph Clancy	Bartholomew Thomas Clancy, Frances Watt
21	Edward Cummings	Alfred B. Cummings, Susan V. McIntyre
23	Walter Leo Flaherty	Patrick Flaherty, Mary Flaherty
23	Wilbur Joseph Peterson	Marcus Peterson, Nellie Dowd
24	Ralph Wendell Beagley	Clarles E. Beagley, Minnie L. Murray
25	Clarence Gabriel Veno	Edmond Veno, Julia Cullivan
26	Mary Elizabeth Caulfield	John F. Caulfield, Margaret Maloney
28	Mary Flaherty	John Flaherty, Emma Lovett
30	Harold Joyce	Patrick E. Joyce, Mary E. Hardy

June

5	Helen Barbara Harris	Frederick B. Harris, Barbara Rose
8	Annie Wolusky	John Wolusky, Millie Lapell
9	Philip John Kelley	Philip Kelley, Bessie Trainer
10	Helen Elizabeth Nichols	William A. Nichols, Nellie Blake
10	Joseph Rizza	Joseph Rizza, Nicolina Mirandi
12	Rosanna Mary Pace	Peter Pace, Mary Vincenzo
14	Alice Margaret McManus	Terence J. McManus, Nellie G. Driscoll
15	Marion Dora Veno	John D. Veno, Mary V. Decoster

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
June		
17	Leo Anthony Donovan	Patrick Donovan, Margaret Calhoun
17	Karl Edward Paskeel	Karl Paskeel, Parlia Cruze
19	Richard Francis Connolly	Richard J. Connolly, Maria McGah
21	Dexter Bulfinch Johnson	Harold P. Johnson, Marion Luey
22	Dorothy Johnson	Edward Johnson, Grace Treadwell
23	Jennie Farina	Gabriel Farina, Marcena Lutrario
24	Eleanor Ryan	John Ryan, Louise Henchey
24	Michael Vincenzo	Luigi Vincenzo, Theresa Vincenzo
26	Frances Meagher	Joseph Meagher, Catherine Carpenter
26	Verna Bernice Wheaton	Frank Wheaton, Nellie H. Agden
27	George William Breeck Olson	Alfred Olson, Hulda Henrietta Sudcoblom
27	Lars Daniel Neilson	Peter Neilson, Caroline E. N. Seaberg
29	Harriet Margaret McDermott	Luke Daniel McDermott, Mary E. Lyons
30	John Peterson	Christopher Peterson, Margaret McGilvray
July		
1	Helena Haverty	Patrick H. Haverty, Mary McElhiney
1	Edith Helouise Paulsen	John Paulsen, Ellen Bosselmann
2	Ethel Genevieve Cannon	George Cannon, Anastasia Hargrove
2	Jacintho Henrique Gonsalves	Jacintho Gonsalves, Mary L. Gonsalves
2	Howard Allen Gray	Frank Byron Gray, Mary Grace Ward

2	Catherine B. Mullen	John Mullen, Annie T. McDonough
2	Jennie Grace Newell	Fred J. Newell, Nemor Grace Curtis
4	Eleanor Winifred McGowan	Charles McGowan Florence Maguire
6	Edward Peter Scott	William Henry Scott, Ellen Theresa McManus
6	Dorothy Eleanor Sherburne	Charles Boody Sherburne, Linnie B. Kenney
7	Geraldine Soles	Leland B. Soles, Helena A. Mulkeen
8	Thomas Joseph Dulong	Joseph Dulong, Lena Muse
8	Charles Douglas Henderson	James A. Henderson, Mary Davis
9	Beulah Marion Towse	Daniel D. Towse, Anna Matilda Gates
9	Gladys Luella Worster	Henry Leroy Worster, Jennie Belle Wentworth
11	Thomas Howard Hester	Sydney Hester, Delia Gregory
12	Edward J. Ahearn	Edward Ahearn, Annie V. Quirk
12	Jomine Cessi	Calcelonico Cessi, Lena Ray
14	Charles Gerald Geary	John Joseph Geary, Martha Ann Sessions
19	Helen Spencer	Thomas W. Spencer, Helen Lavinia Gillis
17	James Francis McCarthy, Jr.	James Francis McCarthy, Catherine Agnes Deery
17	Sherman Day Swift	Sherman A. Swift, Susanna Mary Wainio
17	Thomas Cannon	Patrick Cannon, Nora Parsons
21	Edith Louise Hamilton	Miner D. Hamilton, Minnie Stuart
21	Lydia Marie Sanborn	Irving Sanborn, Lydia Elizabeth Columbus
24	Isabelle Watt Cole	John Cole, Isabelle W. Watt
24	Frances Elizabeth McCarron	Owen McCarron, Catherine Callahan
25	Marguerite Conlon	Dennis Conlon, Josephine Donovan

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
July		
26	Coleman Francis Connolly	Coleman Connolly, Bridget Moriarity
26	Gordon Clifford Olmsted	Frederick Leverett Olmsted, Jennie Foster
27	Robert Francis Mills	John Mills, Elizabeth O'Donnell
27	Nils Lambert Nordberg	Axel Nordberg, Segrid Nalter
28	Anna Charlotte Amanda Hermanson, Twin	Frederick Hermanson, Amanda Hultin
28	John Herman Frederick Hermanson, Twin.	Frederick Hermanson, Amanda Hultin
28	Margaret Wall	Edward Wall, Margaret Feeney
29	Anastasia Foley	Coleman G. Foley, Rosa Joyce
29	Albert James Stearns	Bert J. W. Stearns, Effie L. McKenzie
August		
1	George Francis Burns	George Burns, Katherine Flaherty
1	Sybil Irene Carpenter	Arthur L. Carpenter, Elizabeth Hammond
1	Chester Arthur Horne	Chester Arthur Horne, Bertha Wallace Crowell
1	Olive Winifred Lewis	William H. Lewis, Winifred Davies
3	Margaret Buttimer	Michael J. Buttimer, Margaret McDonough
3	William Edward Chase	William I. Chase, Agnes McDonald
4	Edgar L. Sobey	Austin Waldo Sobey, Lena Alvira White
6	William Watson Logan	Fred Logan, Ethel Watson
6	Charles Denniston Warner	Louis Lly Warner, Jessie Evelyn Knapp
7	Ragnar Johnson	Carl Johnson, Gertrude Anderson

8	Sidney Paine	Harry J. Paine, Minnie F. Harris
9	Elwood Arthur	Ambrose Arthur, Effie May Boynton
11	Lawrence Edward Hansen	Lawrence Hansen, Matilda Lynch
12	Miriam Eloise Killer	Eugene S. Killer, Martha J. Heggie
12	Lewis Arthur Newcomb	Lewis A. Newcomb, Cora L. Porter
12	Gertrude Agnes O'Connor	Michael O'Connor, Sarah Vailey
13	Dorothy Elizabeth Gustafson	Carl A. Gustafson, Hansine Hanson
15	Helen Marie Sweeney	Thomas Sweeney, Catherine Walsh
16	Harold Francis Riley	Patrick Riley, Margaret Hogan
16	Edward Thomas Young	Charles Edward Young, Mary Esther Shea
17	Stanley Gillard Hemeon	LamontStanleyHemeon,CharlotteElizabethPage
17	Eleanor McDonough	Michael McDonough, Susan McAuley
17	Mary Elizabeth Nolan	Martin Nolan, Annie Lanigan
18	James Frederick McCauley	James F. McCauley, Norah G. Mahoney
19	Margaret Hill	Charles G. Hill, Mary Reardon
21	Catherine Elizabeth Burke	Michael Burke, Lena Bull
21	John Milinski	Peter Milinski, Barbara Candro
23	Francis Coccoluto	Cosmo Coccoluto, Angelina Brogna
23	Harold Cox	John Cox, Katherine Kirk,
23	Roger Flaherty	Michael Flaherty, Elizabeth Harkins
23	Robert Gordon Ralph	Frank Daniel Ralph, Sarah J. Coleman
23	Roy Henry Kristenson	Harry K. Kristenson, Jenny Corneliusen
24	Katherine McKenna	Philip McKenna, Katherine Scanlon

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
August		
24	Laura Petrillo	Samuel Petrillo, Julia Mastella
24	Margaret Donovan	Daniel Donovan, Annie Cunningham
27	Gladys Barrar	Michael Lawrence Barrar, Annie M. Lonergan
27	Henry Sorenson Kirk	Carl Sorensen Kirk, Martine Hansen
30	Robert Joseph Bousfield	Christopher J. Bousfield, M. Magdalene Ethier
31	Arthur Alfred Altavesta	Michael Altavesta, Mary Balestrene
September		
1	Henry Bernard Moors	Albert Bernard Moors, Clara Ruth McKinnon
2	Frank Pappalardo	Paul Pappalardo, Antonette Vericella
3	Bruce Robert Williamson	John R. Willaimson, Bertha Anderson
4	Rose Ilene Crowley	William H. Crowley, Mary Jane McDonald
4	Charles Wesley Hammond	William J. Hammond, Orendia E. Chandler
5	Maud Adelaide Delaney	John S. Delaney, Maud A. Dodge
5	John Anthony Capone	Peter Capone, Pauline Cardeleen
7	Harold Edmond Johnson	Fred K. Johnson, Ethel Cobb
7	John Owen Turner	John Turner, Catherine Canney
8	Kathleen B. Flaherty	Patrick Flaherty, Delia Doherty
8	Nelson Stone	Lynde Ballard Stone, Carrie B. Nelson
9	Margaret Flaherty	Martin Flaherty, Annie Clancy
9	Pearl Elizabeth Gates	Homer W. Gates, Cora Fowler

10	Camella Dichacha	Joseph Dichacha, Lena Cessi
11	William John Otis	Harry Louis Otis, Josephine Sullivan
11	Mamie Mary Macario	Michael Macario, Josephine Dalio
12	Evelyn Louise Wyman	Walter B. Wyman, Grace M. Allen
13	Margretta Keating ,Twin,	Hubert J. Keating, Catherine J. Lawn
13	Eleanor Keating, Twin,	Hubert J. Keating, Catherine J. Lawn
14	Celia Elizabeth Gilgun	Hugh Gilgun, Margaret McGowan
14	James Kreatulas	Victor Kreatulas, Camilla Parlavecchio
15	Marion Winifred O'Brien	George O'Brien, Catherine Gorman
16	Russell Parker Francis	Joseph Norman Francis, Nellie May Estabrook
17	Rose Eleanor Ross, Twin,	Antonio Ross, Catherine Goyle
17	Theresa Caroline Ross, Twin,	Antonio Ross, Catherine Goyle
19	Marion Bouviard	Matthew Bouviard, Catherine Keleher
21	Edward Flaherty	Martin Flaherty, Julia Connolly
21	Veronica Genivech	William Genivech, Veronica Stechert
22	Joseph Nicholas Tierno	Nicholas Tierno, Maddalena Pica
24	Michael Thomas Finnerty	Martin T. Finnerty, Katherine Donahue
25	Albert William Greenan	William Greenan, Mary S. Chislett
25	Harold Wheaton	Joseph Ray Wheaton, Lenora Caroline Keith
28	Pipana Pizzano	Salvatore Pizzano, Michana Pasquala
30	Lynnwood James Barden	William A. Barden, Flora J. Murphy
30	Annie Lynch, Twin,	Michael H. Lynch, Annie Logue
30	Jerome Lynch, Twin,	Michael H. Lynch, Annie Logue

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
October		
1	Annie Reil	Frank Reil, Annie Cashman
3	James Francis Finnerty	Patrick Finnerty, Mary Connolly
4	Mary Rose Champa	Patsy Champa, Elizabeth Defranzo
4	Lillian Veronica Healey	Edward Healey, Margaret F. Callaghan
5	Mary Lorine Blanchard	Elias T. Blanchard, Mary S. Coyle
7	Ida Foley	William Foley, Ida May King
8	George Albion Brown	George Lawrence Brown, Rose C. Mathson
8	Richard Spencer	Richard J. Spencer, Susan McHugh
9	Morris Cummings	Everett Cummings, Mary Anna Morris
11	Sabina Constance Coyne	Roger Coyne, Norah Joyce
12	Edwin Taylor Bailey, Jr.	Edwin Taylor Bailey, Lottie May Rollins
12	Axel Dahlberg Olsen	Olaf A. Olsen, Jenny T. Dahlberg
12	Wilfred Anthony Walsh	Richard H. Walsh, Delia W. Murphy
15	Dorothy Catherine McAvoy	Frank McAvoy, Catherine O'Brien
18	Margaret Theresa Flaherty	Martin Flaherty, Rose McGowan
21	John Joseph McGonagle	William McGonagle, Mary Harkins
22	Robert Chalmers Carswell	William T. Carswell, Lena S. Lovering
22	Edwin Frances Bartlett	Frank M. Bartlett, Mabel G. Smith
25	Francis Philias Coakley	Cornelius Coakley, Marie Beauchamp
26	Ethel Miller	Samuel Miller, Annie Ferguson
27	Frank Herbert Kean, Jr.	Frank Herbert Kean, Lillian E. Barrett

27	Thomas Henry Donahoe	John F. Donahoe, Margaret A. McElheney
27	Rosemary Callahan	Harold D. Callahan,, Rosa E. Reddy
31	Angelo Antonio Pecora	Morest Pecora, Antonio Meluso

November

1	Ralph Emerson Wood	Everett Wood, Ethel J. Mayes
4	Evelyn Emma Kean	Frederick C. Kean, Mabel E. Russell
5	Margaret Marie Powers	Maurice Powers, Annie Keleher
7	Helen Josephine Liedman	William T. Liedman, Carrie Jacobson
8	Edwina Grace Baird	Edwin B. Baird, Grace Clarise Light
9	Raymond Agnew Haggerty	James D. Haggerty, Mary A. Lovell
11	Charles Harold Cooper	Garrett Cooper, Katherine L. McCarthy
12	Ella Gertrude Callahan	Charles H. Callahan, Ella McAndrews
12	Helen Marie Proctor	Finlay Proctor, Elizabeth Earley
13	Frances Elizabeth West	Walter Alvin West, Jennie Frances Rollins
14	James Andrew Montgomery	James Montgomery, Euphemia Harron
17	Margaret Lillian Malonson	Albert Malonson, Margaret Muse
17	Ellen Elizabeth Doherty	Patrick Doherty, Hannah Clancy
19	Margaret Elizabeth Arbuthnot	Samuel Arbuthnot, Margaret May Kerrigan
22	Walter Eaton Tuesley	Herbert Lee Tuesley, Hannah R. Eaton
22	Helena Beatrice Mahoney	Bartholomew Mahoney, Frances H. Mahoney
24	Robert Sinclave Luther	Robert C. Luther, Lillian P. Hall
24	Charley Foresta	Samuel Foresta, Mary Terrogosse

DATE OF BIRTH.	NAME.	NAMES OF PARENTS.
November		
26	Alsina Bertha Andrews	Walter Andrews, Delia Dunnigan
27	Francis Hooper	Martin Hooper, Catherine Burns
28	Cecil Graham Lightbourne	Charles Cecil Lightbourne, Martha Elizabeth Graham
28	Kenneth Carl Reynhold Anderson	Carl O. Anderson, Ida C. Nelson
30	Harry Frederick West	Hans Peter West, Laura Mogensen
30	Gladys Elaine Simmons	Roy Leon Simmons, Grace C. Shannon
December		
2	Arthur Bryant	Edward W. Bryant, Mary A. Creighton
2	Robert Irick Peters	Joseph I. Peters, Bertha L. Cutler
3	Grace Cecelia Lord	Edwin Lord, Mary Collins
4	Rosemary McHugh	Peter McHugh, Mary Callahan
7	Harry Walter Daw, Jr.	Harry W. Daw, Margaret F. Rock
8	Duncan Joseph McDonald	Roderick McDonald, Christina Beaton
9	Walter Scannell	John Charles Scannell, Lucy Gordon
10	William Christopher Tully	John J. Tully, Mary E. Cunningham
11	Francis H. Sullivan	John H. Sullivan, Margaret McCarthy
12	Robert Allen	Patrick Allen, Delia Devitt
16	Harvey Graham Cadwell	Charles Herbert Cadwell, Irene Graham
19	Rose Gange	Adolph Gange, Angeline Abadessa
20	Mary Margaret Donahoe	Peter J. Donahoe, Mary Duran

20	Harold Charles Dulong	John Everett Dulong, Mary Frances White
22	William F. Murphy, Jr.	William F. Murphy, Ellen Finnerty
23	John Gilgun	Thomas Gilgun, Catherine Farrell
25	Christina Edna Mahoney	John Mahoney, Nellie Sullivan
25	William Griffin	John F. Griffin, Annie E. Lawn
25	——— Vaphides	Anthony V. Vaphides, Elvera Lillian White
26	Harold Majella Thurston	Charles W. Thurston, Mary C. McSorley
26	Grace Estelle Bezanson	Forest L. Bezanson, Mary Louise Copeland
26	Charles Doherty	Daniel F. Doherty, Mary E. Noon
27	Harold Leo Croft	Thomas H. Croft, Mary L. White
27	George Stephen Dow	Louis Hackett Dow, Margaret Alice Locke
28	Eleanor Catherine Carey	Jeremiah F. Carey, Mary A. Lombard
28	Dana Lee Bowie	Dana W. Bowie, Margaret A. Lee
31	Charles Jones Murray	Patrick Murray, Theresa Reddy
31	Edward France	William France, Louise Clarkson

DEATHS, 1911

Number of deaths (still births not included) 222
Less than in 1910 60
Number of Woburn residents and former residents dying outside of Woburn, and non-residents dying in Woburn 29

The record of deaths follows:

DEATHS RECORDED IN WOBURN, 1911

(Place of death is Woburn unless otherwise stated.)

DATE.	NAME	AGE. YRS.	MOS.	DS.
January				
2	Martha Brewer (Kendall) Root, widow of Charles W.	76	4	..
5	Edward Lawrence Swanson	..	7	9
7	Bridget (Darmody) Cordell, widow of Andrew	77	..	..
8	Jeremiah Dwyer	74	..	..
8	Alexander Ellis	86	5	18
9	Patrick P. Coleman	35	11	9
11	Robert Braman Chalmers	13	11	18
11	Helen M. Gerry	3	9	1
15	Lydia Bartlett (Taylor) Richardson, Widow of James C.	81	4	18
19	Mary Converse (Vinton) Goddard, Widow of ————	85	0	27
19	Bertha (Bradley) Paine, Wife of Robert	40	9	13

DATE.	NAME	AGE. YRS.	MOS.	DS.
January				
19	Annie T. (Donahue) Ryder, Wife of Charles N.	51	..	..
20	George S. Butters	79	9	10
24	Charles F. McDermott	39	..	..
26	Margaret (Connelly) Coleman, Widow of Martin	65	..	..
30	Carrie F. (Blanchard) Page, Wife of Adna A.	48	5	29
February				
1	Eliza (Laidlaw) Briggs, Widow of William P.	92	..	..
3	Isaac Larkin Fessenden	86	0	18
6	George Henry Thompson	70	5	19
7	Charles H. Foss	87	5	18
8	James Cuneo	..	4	16
9	Mark Downs	86	3	8
10	Sarah (Martin) Finnegan, Widow of Owen	94	9	..
14	Harriet (Turner) Smith, Wife of David U.	34	6	17
15	Maria Laurens (Smith) Thompson, Widow of Leonard	88	8	12
16	Lucinia B. (Oakes) Oakes, Wife of Leopold	60	..	..
17	Helen H. Reardon	4	1	19
18	James McKittrick	76	..	..
22	Edna Hannah Shea	2	4	14
March				
2	Emily Johnson	90	7	3
6	Thomas Mulhern	56	..	..
7	Jeremiah Feely	46	2	0
7	Charles Henry Nichols	67	6	13
8	Sarah (McKenna) Cox, Widow of Patrick	63	..	..
10	John Wilson Fitchett	1	2	19
12	Solvery Kamilla Camelusen	10	7	18
13	John J. McDonough	32	10	3

DATE.	NAME	AGE. YRS.	MOS.	DS.
March				
13	Luke Muse	61	..	..
13	George E. Saunders	55	2	13
16	Lawrence E. Smith	65	..	..
19	Edward McInnis	5	3	4
24	Peter Finn	70	..	..
26	Mary Vericella	1	7	..
26	Francis Webberg	4	4	20
26	Grace Webberg	5	10	6
27	Lavina (Brooks) Cole, Widow of John G.	90	7	29
27	Gertrude A. Lawrence	4	10	18
30	Michael Flaherty	1	1	21
30	John Richardson	69	11	21
31	Jane (Cox) Cox, Widow of Willam	82	..	1
31	Bridget (Connolly) Flaherty, Widow of Thomas	66	..	1
April				
2	Roy S. Bonnell	..	8	12
2	Franklin Bradford Woodward	61	3	2
4	Bridget (Glennon) Hanley, Widow of Patrick	63	10	21
5	Josiah Adelbert Bartlett	68	4	13
5	Walter M. Gormley	1	5	10
5	Mary A. (Carpenter) Greenwood, Wife of Frederick G.	40	10	9
11	Eileen Margaret Shea	2	6	2
15	George D. Whithed	1	8	..
17	John Julian O'Doherty	41	10	7
18	Jacob Fishman	..	3	16
18	Matilda Covil (Porter) Montgomery, widow of William	94	5	18
19	Moses Jackson	40	7	26
19	Prescott Clarke Flagg	33	4	3

DATE.	NAME	AGE. YRS.	MOS.	DS.
April				
20	Lional Barron Adnoff	..	6	11
21	Vincenzo Parlavecchio	49	..	..
21	Isabella Breslin	58	..	..
24	Veronica Maloney	2	2	23
26	John H. Connolly	55	..	..
29	Patrick Joseph Clougherty	71	..	..
26	Matthew Cassidy, Jr.	53	..	..
May				
2	Agnes F. Meehan	4	10	15
3	Sylvanus Patterson	71	8	2
8	Ella (Corbin) Coles, widow of Charles	34	..	..
12	Bartholomew McDonough	25	..	..
13	William Henry Allen	70	1	22
13	Elizabeth A. (Gibbons) Coyne, wife of Martin T.	31	11	17
17	Frederick Chandler Parker	82	4	1
17	Thomas Tobias Pearson	62	10	15
19	Permelia P. (Philips)Simonds, widow of —	82	..	16
19	Andrew E. Warren	26	..	1
22	Catherine (McCaffrey) Greenan, widow of William	50	..	..
23	Emma A. (Derby) McLean, widow of William	61	..	20
26	Annie Cora (Webster) Bond, wife of Lewis Franklin	57	10	3
27	Catherine (Allen) McGowan, wife of——	43	6	..
June				
2	Vaugetis Kayiaras	28	..	..
4	Joseph Dunnigan	1	5	26
4	Edward Greecey	26	..	..
4	John F. McCarron	29	5	6

DATE.	NAME	AGE. YRS.	MOS.	DS.
June				
7	John N. Swift	61	7	15
13	George Francis Shaw	67	9	20
21	Sarah C. (Parsons) Swift, widow of John	60	7	29
23	John Henry Cody	86	..	..
27	George N. Balan	49	..	..
27	George Albert Cooke	83	6	22
29	Ellen (Winn) Moran, wife of John	68	..	..
July				
1	Bernard Scalley	75	..	..
4	Matthew Daly	51	..	..
4	Patrick F. Flaherty	39	6	3
4	Frances Harney	3	4	12
4	John T. Hill	62	3	17
4	George Russell	75	..	10
5	Margaret McConlogue	90	..	..
5	Jane Eliza (McMelonie) Wright, widow of Jacob	84	11	1
6	Roger Flaherty	72	..	..
12	Carleton Warren	79	9	28
15	Amelia (Huse) Parker, widow of Addison	82	7	22
16	Helen W. Smith	14	9	12
17	Thomas John Murphy	40	9	29
19	John Henry Finn	55	6	16
19	Mary (Smith) Keating, widow of Hugh	65	..	..
19	Mary C. (Emanuel) Ahern, wife of John	29	..	..
21	Leo O'Brien	..	3	12
21	Ellen (McCloskey) O'Donnell, widow of Philip	63	..	..
25	Alexander McDonald	32	..	..
26	John H. Devine	41	10	26
27	Mary P. Barbur	60	..	..
27	John H. Cox	52	1	6

DATE.	NAME	AGE. YRS.	MOS.	DS.
July				
28	Joanna F. (Delaney) Maguire, wife of John G.	61	..	..
29	Margaret (Murphy) Clarke, widow of Peter	89	4	14
29	Karl Edward Paskeel	..	1	14
31	William I. Flagg	8	6	13
31	Willey Kulikowsky	..	4	29
August				
2	Charles Henry Loring	40	7	28
4	James Cox	..	4	10
5	Julia (Clarke) Wilcox, widow of Stephen R.	74	..	10
6	Harriet Celima (Cummings) Kimball, wife of Benjamin Frank	56	7	12
6	John Powers	14	8	5
7	Edgar L. Sobey	..	..	3
8	William Rafter	29	..	..
10	Cyrus Tay	85	4	26
16	Lois Emma Chapman	4	4	28
17	Marguerite Webber Cotton	17	10	27
17	Johanna (Monroe) Duncan, wife of Robert	59	9	6
18	Martha Hall Bowker	90	..	29
19	Daniel McColgan	65	..	..
20	Alfred Lewis Hurd	36	8	19
22	Mary (O'Connors) Maloney, wife of Michael	61	2	18
22	John J. Wall	33	8	..
23	John Francis Flood	42	..	2
28	Elica (Martin) Murray, widow of Patrick	68	..	..
September				
9	Clarence Miller Cole	44	7	21
10	Harriet Sophia (Farrington) Carter, widow of Dexter	82	8	10
11	Chester Harry Marshall	19	5	11

DATE.	NAME	AGE. YRS.	MOS.	DS.
September				
12	Annie (Gallon) O'Rourke, wife of Patrick	51	..	..
15	Margaret (Fleming) McNamara, widow of William	63	..	..
16	Linnea Temple	..	..	11
19	Margaret (Feeney) Wall, wife of Edward F.	32	..	..
25	James Edward Ball	66	4	19
25	Rufus P. Crosby	81	11	28
25	Edward W. Flaherty	39	11	12
28	Francis Edward Brazier	34	..	26
28	William Mooney	51	..	..
October				
1	Timothy S. Dunnigan	47	7	7
4	Stephen Bradley	56	..	..
5	Mabel A. Dulong	2	1	2
5	Michael William Kelley	27	1	17
8	Mary C. Mullen	2	1	18
12	Catherine McKenna	61	2	22
14	Michael Doherty	75	..	..
16	Caroline Frances (Walker) Eames, wife of Henry	63	5	18
16	Joseph John Edmonds	60	3	29
17	Elmer Frederick Olmsted	1	7	19
19	William J. McElhiney	49	3	19
20	Harold Joyce	..	4	20
20	Charles Augustus Sylvester	83	1	30
22	John F. Wetherbee	58	1	1
22	Mary Louise (Bennett) Graves, widow of Dr. Frank	67	..	..
26	Helen Foley	1	9	11
26	Harriet (Moody) Kenty, widow of Alexander	77	2	29
28	Michael Flaherty	40	..	..

DATE.	NAME	AGE. YRS.	MOS.	DS.
October				
29	Jeremiah William Dwyer	44	10	2
31	Hartley J. Tarr	53	8	27
November				
1	Edward H. Callahan	50	..	..
2	Mary Yeaton (Chase) Drew, widow of Stephen Watson	88	4	7
4	Frederick Milton Downs	55	6	18
4	John Gilcreast	78	4	3
5	Michael Foley	88	..	..
7	Josephine Augusta (Welsh) Cranton, wife of Henry	63	8	27
12	Francis McDevitt	24	8	1
15	Edward J. Ahearn	..	4	3
18	George Flint Eaton	66	9	17
18	Mary Elizabeth (Lynch) O'Brien, wife of John F.	27	8	15
18	Mary Frances (Livingston) Wentworth, wife of Henry J.	69	5	18
22	Benson Rowe Yeo	..	..	16
23	Sylvanus Higgins Hurd	62	2	27
25	John H. Riley	44	..	..
27	Mary A. (Conway) Dunegan, wife of James	61	9	28
28	Jane Eliza (Gates) White, wife of Charles	77	8	1
30	Donato Moccia	1	..	3
21	Mary (Cosgrove) Hoskins, widow of William	88	3	..
December				
1	Albert Edward Rushworth	49	9	19
2	Thomas Benton Tidd	74	8	2

DATE.	NAME	AGE. YRS.	MOS.	DS.
December				
4	Hannah F. (Connor) Beattie, wife of Thomas	40	..	..
4	Evelyn (Norris) Williams, widow of William	45	2	12
6	Marcus Eaton	87	2	26
16	Coleman Joyce	2	..	4
18	William Francis	80	..	..
20	Barbara (McDonough) McCarthy, widow of Patrick	77	..	..
21	Alvah Anson Persons	85	2	5
23	Jane Elizabeth (Webb) York, widow of Joseph N.	54	7	9
27	Edward Bowe	101	..	..
27	Catherine McCarthy	59	..	..
27	Jane (Fitz) Sullivan, wife of Patrick J.	48	..	21
29	Hugh Dorrington	83	5	18
29	Michael Ryan	60	..	..

MARRIAGES 1911

[The place of marriage, is Woburn, unless otherwise specified.]

Number of certificates issued	125
Less than previous year	30
Marriages recorded	125

The number of marriages each month was as follows:

January	6	August	6
February	10	September	11
March	1	October	13
April	15	November	10
May	5	December	9
June	31		
July	8	Total	125

MARRIAGES RECORDED IN THE CITY OF WOBURN DURING THE YEAR 1911

January

2 Edward J. Nunes, Jr., of East Boston, Mass., and Lucretia M. Fetridge of Woburn, at Woburn.

8 Guiseppe Danca and Rise Rizza, both of Woburn, at Woburn.

11 Partick McGurn of Woburn and Gertrude Hannigan, of Melrose, Mass., at Melrose.

16 Nicola Tierno and Maddalena Pica, both of Woburn, at Woburn.

18 Samuel James McDermott and Jennie E. McDonough, both of Lowell, Mass., at Woburn.

29 Bartholomew Golden of Woburn and Nora Shea of Boston Mass., at Boston.

February

1 Melvin Spaulding Barber of Newton, Mass., and Alice Reeves Flagg of Woburn, at Woburn.

1 Isaiah Blake of Woburn, and Martha MacIsaac of Roxbury, Mass., at Boston, Mass.

11 Lawson E. Nickerson of East Boston, Mass., and Daisy Leman of Woburn, at Woburn.

12 Daniel J. Quinn and Bessie Foley, both of Woburn, at Woburn.

15 Everett P. Fox of Woburn, and Jennie Trecartin of Melrose, Mass., at Melrose.

15 Louis Arthur Newcomb and Cora Louise Porter, both of Winchester, at Woburn.

22 Harold Bryenton of Woburn, and Grace Louise Bateman of Somerville, Mass., at Somerville.

26 David Moro and Catherine Altavesta, both of Woburn, at Woburn.

26 Bert James Weston Stearns of Woburn, and Effie Louise McKenzie of Winchester, Mass., at Winchester.

28 Frank Joseph Brady of Stoneham, Mass., and Annie McDermott of Woburn, at Woburn.

March

30 James Montgomery and Eupheumia Harron, both of Woburn, at Woburn.

April

1 Harry K. Kristiansen and Jenny Corneliusen, both of Woburn, at Woburn.

4 Charles W. Wood of Hancock, N. H., and Ella M. Bates of Woburn, at Woburn.

6 William Baskin Porter of Lexington, Mass., and Jennie Given of Woburn, at Woburn.

7 Lloyde C. Blake and Emily C. Berry, both of Woburn, at Stoneham, Mass.

April

10 Isaac M. Phillips and Nellie Atherton Park, both of Woburn, at Woburn.

18 John H. J. Bryce of Woburn, and Margaret Lally of Winchester, Mass., at Winchester.

19 William Francis Murphy and Ellen Finnerty, both of Woburn, at Woburn.

19 Benjamin D. Milton and Annie E. Cullen, both of Woburn at Woburn.

21 Francis Henry Welch of Winchester, Mass., and Mary Catherine Clarke of Woburn, at Woburn.

22 Henry Holbrook Clark and Ella J. [Crockett] Smith, both of Woburn, at Woburn.

26 Edgar H. Phillips of Boston, Mass., and Mary Elizabeth Clarke of Woburn, at Woburn.

26 John Joseph McDevitt and Mary Wall, both of Woburn, at Woburn.

26 Edward Clarke and Mary Burke, both of Woburn, at Woburn.

26 Owen Joseph Queenin of Woburn and Margaret Josephine Walsh of Winchester, Mass., at Winchester

30 John H. Mahoney of Woburn and Julia E. Dannahy of Stoneham, Mass., at Stoneham.

May

6 Patrick Cannon of Woburn and Nora Parsons of Winchester, Mass., at Winchester.

14 Thomas Queen of Woburn and Bridget Elizabeth Keady of Winchester, Mass., at Winchester.

17 Ernest Wilmer Chapman of Woburn and Ellen Forrest Milne of Gloucester, Mass., at Reading, Mass.

24 Thomas Hammond and Esther Thompson, both of Woburn, at Winchester, Mass.

27 James H. Lynn and Mary Winn, both of Woburn, at Woburn.

June

1 Charles C. Hunt and Flora McCullough, both of Woburn, at Hudson, Mass.
1 William James Noonan of Woburn, and Elsie Sullivan of Winchester, at Winchester.
4 Eben Durant Taylor of Beverly, Mass., and Etta May Blake of Woburn at Woburn.
4 Eugene Joseph Kelley of Malden, Mass., and Mary McGourty of Woburn, at Woburn.
5 William Prior Chute, Jr., and Violet E. Kee, both of Woburn, at Woburn.
6 Patrick Henry Tracy of Woburn, and Abigail Earley of Winchendon, Mass., at Winchendon, Mass.
8 Homer B. Grant of Woburn ,and Isabel P. Rankin of Boston, Mass., at BostonMass.
8 Michael Burke and Julia Manning, both of Woburn, at Winchester, Mass.
8 Carl J. Franson and Emma Bergman, both of Woburn, at East Boston, Mass.
10 Walter Olson and Hilda Franson, both of Woburn, at Woburn.
10 Tony Capaldo and Louise Altavesta, both of Woburn, at Woburn.
14 Henry J. Looney and Mary E. Hearn, both of Woburn, at Woburn.
14 Thomas H. Hardy and Mary Gertrude Walsh, both of Woburn at Woburn.
15 Edward Charles Montgomery of Woburn, and Emily Wray of Brookline, Mass., at Woburn.
16 Charles Francis Quigley and Elizabeth Maria Temple, both of Woburn, at Woburn.
16 John A. Nett and Margaret Dominica Manzie, both of Woburn, at Woburn.
21 Forest S. Bezanson and May Louise Copeland, both of Woburn, at Woburn.

June

21 Thomas E. Foley and Mary E. (McDonald) Holland, both of Woburn, at Woburn.

21 James J. McGonagle and Mary Elizabeth Corcoran, both of Woburn, at Woburn.

22 George Sydney Powers of Woburn, and Florence Lydia Russell of Wayland, Mass., at Everett.

21 William J. Brown and Catherine McGreal, both of Woburn, at Woburn.

25 Dougald J. McDonnell of Woburn, and Lena McCarthy of Newton, Mass., at Newton.

25 Patrick McDonald and Grace Margaret McGonagle, both of Woburn, at Woburn.

27 Frank E. Brennan and Julia McAllister, both of Woburn, at Woburn

28 Francis Joseph Fahy of Cambridge, Mass., and Catherine Teresa Larkin, of Woburn at Woburn.

28 Joseph Russell Scrivens and Harriet Graham, both of Woburn, at Woburn.

28 Edward Harte and Mary E. Quigley, both of Woburn, at Woburn.

28 John Glennon of Forest Hills, and Ella A. Marlowe of Woburn, at Woburn.

28 Hubert J. Garrity and Mary C. Doherty, both of Woburn, at Woburn.

29 William Langdon Drake of New York City, and Margaret R. Josephine Reade of Woburn, at Woburn.

30 Walter Milton Heald and Susan Edgell Tidd, both of Woburn, at Woburn.

July

5 Martin Wells of Woburn and Bertha Swymer of Winchester, Mass., at Winchester.

6 James McCaughan and Annie McCrea, both of Woburn, at Woburn.

July

9 Charles J. Callahan and Margaret E. Connors, both of Woburn, at Woburn.

12 John Frederick Stevenson of Woburn, and Beatrice Alice McLean of Boston, Mass., at Boston, Mass.

15 Harold Franklin Arnold of Norwood, Mass., and Edith Emma Stanfield of Woburn, at Woburn.

19 Michael H. Feeney and Delia B. Costello, both of Woburn at Woburn.

21 Carl B. Buck of Woburn, and Ruth Bond of Arlington, Mass., at Arlington, Mass.

27 Frank Banchi and Marie Gangia, both of Woburn, at Woburn.

August

1 J. Edward Caldwell and Alice Neva Dennison, both of Woburn, at Woburn.

6 Homer F. Webber and Alice E. Anderson, both of Woburn, at Everett, Mass.

8 Walter A. Andrews and Delia B. Dunegan, both of Woburn, at Woburn.

12 George L. Brown and Rose Constance Matson, both of Woburn, at Lynn, Mass.

13 Thomas F. Foley of Woburn, and Sarah McGlinchey of Winchester, at Winchester.

19 Hugh Thomas Scott and Sadie Milward, both of Woburn, at Woburn.

September

6 Arthur Viall Jones and Dora Adela Knapp, both of Woburn, at Woburn.

6 John H. Murphy of Malden and Mary Agnes O'Connor of Woburn, at Woburn.

8 Elmer Douglass Taylor and Eva Schenck, both of Woburn, at Cambridge, Mass.

14 Leon R. Barden and Ruth A. Simonds, both of Woburn, at Woburn.

September

16 Albert M. Vinal and Alice McCauley, both of Woburn, at Woburn.

16 Charles W. Fish and Rose A. Chase, both of Woburn at Reading, Mass.

21 George M. Wilson of Newton, Mass., and Ethel Osborn of Woburn, at Woburn.

21 Clarence Wilson Stetson of Hunter, N. Y., and Ruth Gage Richardson of Woburn, at Woburn.

25 Daniel P. O'Brien of Woburn, and Annie McAnaw of Boston, Mass., at Boston, Mass.

27 James S. Murray of Woburn, and Elsie Dickie of Cambridge, Mass., at Boston, Mass.

27 Albert McDowell of Malden, Mass., and Margaret Florence Cassidy of Woburn, at Woburn.

October

3 Joseph T. Davis and Charlotte L. Grace, both of Woburn, at Boston (Roslindale), Mass.

8 Charles E. McPartlin and Ethel Frances Duffy, both of Woburn, at Woburn.

10 Adolph Olsen of Woburn, and Jennie Norin of Winchester, at Cambridge, Mass.

15 Edgar Louis Ulrich of Boston, Mass., and Carrie G. Rollins of Woburn, at Woburn.

16 Henry L. Colwell of Lowell, and Maria Bezanson of Woburn, at Lowell, Mass.

18 Dominic Francis Weafer of Woburn, and Margaret Claire Brennan of Reading, Mass., at Reading.

18 Frederic Alexander Porter and Isabelle Dobbins, both of Woburn, at Woburn.

18 Harold B. Pushee and May B. Greenleaf, both of Woburn, at Boston, Mass.

19 William F. Holland of Woburn, and Clara Sahm of Lynn, Mass., at Woburn.

October

25 William M. Clark of Lowell, Mass., and Mary B. Tracy of Woburn, at Woburn.

25 Hugh Jean Walker and Florence E. Brown, both of Woburn, at Woburn.

27 George Granville Miller of Woburn, and Mary Glover of So. Boston, at Boston, Mass.

27 Eric Vener Gottholm and Katherine Maye, both of Woburn at Woburn.

November

4 Robert Bartol Davenport of Winchester, Mass., and Anna Marguerite Murphy of Woburn, at Medford, Mass.

12 Edward L. Aylward of Woburn, and Margaret J. Lynch of Lowell, at Lowell, Mass.

14 George Nason Barden and Grace Isabel Jackson, both of Woburn, at Woburn.

20 Edward Amber Woodside and Lucy Maria Carswell, both of Woburn, at Woburn.

21 Fred W. Prior of Woburn, and Elsie Vandewart of Boston, Mass., at Boston, Mass.

22 Selwyn Harrison Graham of Burlington, Mass., and Maud Marion Smith of Woburn, at Burlington.

22 Carl Joseph Wallin and Rose V. Healey, both of Woburn, at Woburn.

25 Lewis W. Thompson and Annie L. Ela, both of Woburn, at Woburn.

27 Michael J. Foley and Annie E. McGovern, both of Woburn, at Boston, Mass.

29 Frank J. Reil and Nellie F. Bradley, both of Woburn, at Woburn.

December

16 Gustaf Backman and Ametia Nicholson, both of Woburn, at Woburn.

December

17 George Carpenter of Woburn, and Mary Lloyd of Melrose, Mass., at Melrose, Mass.

18 Arvi Lindfors of Waltham, Mass., and Aino Jacobsson of Woburn, at Boston, Mass.

19 Edward Lumont Porter of Woburn, and Ethel French of Billerica, at Woburn.

25 William F. Bekkenhuis of Stoneham, Mass., and Katherine J. Judge of Woburn, at Woburn.

27 John Joseph McDonough of Woburn, and Margaret M. Cairnes of Somerville, Mass., at Somerville, Mass.

27 Joseph M. App and Anna Dever McManus, both of Woburn, at Woburn.

28 Frank E. Wood and Ella M. Whitman, both of Woburn, at Woburn.

30 James Lucas of Winchester, Mass., and Martha White of Woburn, at Woburn.

CITY OF WOBURN JURY LIST FOR THE YEAR 1911, PREPARED AS PROVIDED IN CHAPTER 348, ACTS OF 1907, REGISTRARS OF VOTERS

Anderson, Peter, clerk, 147 Montvale avenue.
Allen, Edgar C., currier, 68 Mt. Pleasant street.
Allen, James I., salesman, 81 Winn street.
Andrews, John C., printer, 17 Green street.
Arbuthnot, Samuel S., stone cutter, 13 Vining court.
Aylward, J. Joseph, florist, 13 Willow street.
Bancroft, Charles, splitter, 3 Richmond park.

Banwell, Edward, janitor, 22 Garfield avenue.
Barker, E. Gerry, lumber business, 10 Church street.
Barry, Edward B., currier, 7 Carter street.
Beattie, John J., currier, 8 Richardson street.
Bellew, Francis W., supt., of sewers 21 Highland street.
Bellew, John F., railroad, 21 Highland street.
Blake, Albert F., tanner, 92 Pleasant street.
Blake, Dennis P., clerk, 35 Houghton street.
Blake, Warren N., no occupation, Federal street.
Bland, George E., carpenter, 26 Mt. Pleasant street.
Bonin, Louis, currier, 15 Kilby street.
Bolster, Edward F., railroad, towerman, 1 Miller place.
Bond, Daniel W., superintendent, Tidd avenue.
Boutwell, Harry E., jobber, 9 Clinton street.
Bowers, Charles F., railroad, 88 Salem street.
Boyle, Joseph M. electrician, 70 Washington street.
Brauer, George H., moulder, 6 Mt. Pleasant street.
Breslin, William, currier, 80 Bedford street.
Brogna, Joseph, barber, Ashburton avenue.
Brooks, James H., hostler, 331 Main street.
Brown, Patrick, currier, 13 Fowle street.
Buckman, Francis A., shoe business, 664 Main street.
Buckman, John P., grocer, 35 Mt. Pleasant street.

Callahan, Bernard J., currier, 31 Highland street.
Callahan, James M., station agent, 478 Main street.
Cammall, George E., auctioneer, 65 Winn street.
Cardinal, Ralph C., operator, 74 Fowle street.
Carroll, James J., currier, 20 Broad street.
Carswell, William T., railroad clerk, 19 Scott street.
Carter, John R., coal dealer, 627 Main street.
Chute, William P., coal dealer, 82 Pleasant street.
Clarke, Charles C., insurance, 46 Mishawum road.
Connolly, John J., currier, 9 Buck street.
Converse, Henry S., lumber, 181 Salem street.
Conway, Hugh, currier, 17 Porter street.
Costello, Thomas, currier, 15 Glenwood street.
Cox, James, currier, 2 Green street.
Cox, Patrick J., undertaker, 269 Main street.
Crosby, John H., janitor, 29 No. Warren street.
Cutler, Frank O., farmer, 7 Traverse street.
Cutler, George S., telephone agent, 508 Main street.

Davis, William, store keeper, 13 Davis street.
Deland, J. Foster, merchant, 556 Main street.
Dixon, Harry R., patent leather, 69 Kilby street
Dobbins, Andrew, farmer, 62 Winn street.
Dodge, Walter L., broker, 7 Arlington road.
Doherty, Bernard F., clerk, 3 Foster street.
Doherty, Frank, patent leather, 69 Sheridan street.
Doherty, Frank M., currier, 5 Beacon street.
Doherty, Philip H., farmer, 197 Lexington street.
Dolan, Thomas H., real estate, 10 Border street.
Duffy, William M., blacksmith, 11 Pleasant street.
Dunnigan, John, currier, 23 Park street.

Elliott, James F., teamster, 14 Grape street.
Ellis, Arthur C., contractor, 28 Broad street.
Emery, William R., machinist, 19 Cleveland avenue.
Fallon, Patrick J., laborer, 134 Garfield avenue.

Farmer, Isaac D., farmer, 18 Spring court.
Farrey, James H., laborer, 25 Poole street.
Feeney, Bartholomew W., heel cutter, 9 Reed street.
Feeney, Michael H., inspector, 46 Harrison avenue.
Fetridge, Cyrus B., currier, 4 McCabe court.
Fitz, Charles W., retired, 7 Winn street.
Fitzpatrick, James H., currier, 7 John street.
Flanders, Charles M., billiard parlors, 22 Winn street.
Foley, James W., barber, 28 Carter street.
Foster, Alvah J., janitor, 4 Church avenue.
Fowle, James E., clerk, 12 Auburn street.
Flynn, Henry E., conductor street railway, 27 Highland st.
Furbush, Levi, chemical worker, 18 East Nichols street.
Fowle, John, clerk, 55 Mt. Pleasant street.
French, Carl C., lineman, 37 Sturgis street.
Fresh, William E., tinsmith, 246 Salem street.

Gately, John J., currier, Prospect street.
Gillis, Roland, currier, 97 Main street.
Gorman, Owen J., machinist, 131 Garfield avenue.
Gray, Johnson B., carpenter, 15 Davis street.
Greenleaf, Charles A., salesman, 11 South street.
Greenough, William F., farmer, 366 Montvale avenue.
Greydon, William F., contractor, 7 Lowell street.

Haff, George L., clerk, 21 Eaton avenue.
Ham, Jacob A., grain dealer, 3 Highland street.
Hall, Richard W., farmer, 45 Merrimac street.
Hammond, James H., laundry, 9 Franklin street.
Haney, Frank A., clerk, 30 Highland street.
Haney, William J., currier, 30 Highland street.
Hargrove, Robert E., pedler, 17 Hart place.
Hart, Edward D., express business, 17 Davis street.
Heald, Arthur F., farmer, 235 Cambridge street.
Holland, Daniel H., stable keeper, 18 Munroe street.
Hoskins, Edward, engineer, 20 Mt. Pleasant St.

Hosmer, George F., farmer, 350 Salem street.
Hoy, Patrick, farmer, 4 Madison street.

Jackson, William, teamster, 7 Harrison avenue.
Jaquith, Carl W., clerk, 10 Davis street.
Joyce, Patrick C., moulder, 76 Fowle street.

Keating, Timothy, janitor, 12 Grove street.
Kelley, William G., clerk, 78 Broad street.

Larock, Joseph C., painter, 24 Winn street.
Lawn, Thomas A., shoe stock, 7 Cummings street.
Leen, Henry M., grocer, 41 Union street.
Legg, Frank W. ,photographer, 12 Charles street.
Loomer, Thomas L., machinist, 10 Sherman place.
Lord, George H., clerk, 68 Eastern avenue.
Loring, Arthur G., genealogist, 84 Garfield avenue.

Maguire, John, laborer, 22 Lake avenue.
Maguire, John J., currier, 34 Broad street.
Mahoney, Charles T., currier, 158 Montvale avenue.
Martin, John J., conductor, 73 Green street.
Martin, Thomas, J., telegraph operator, 1 Sonrel street.
Mead, Walter E., farmer, 452 Washington street.
Meagher, Michael J., clerk, 18 Mann court.
Meehan, John C., clerk, 217 Main street.
McDonald, James W., piano tuner, 6 Broad street.
McGinness, Matthew, teamster, 14 Eastern avenue.
McGrath, James F., merchant, 14 Eaton avenue.
McMullen, Joseph A., shoemaker. 16 John street.
Melendy, Henry S., machinist, 34 No. Warren street.
Miller, Henry C., currier, 55 Garfield avenue.
Mulkeen, Edward T., stenographer, 10 Cross street.
Mullen, Patrick T., laundry, 44 Elijah street.
Murphy, Jeremiah E., currier, 63 Green street.
Murphy, John J., currier, 31 Arlington street.
Murray, Frank H., leather manufacturer, 54 Prospect street.

Nichols, Benjamin H., retired, 37 Warren avenue.
Nolan, Daniel M., currier, 16 Carter street.

O'Reilly, William, delivery clerk, railroad, 19 Reed street.

Parker, Joseph H., Jr., furniture, 13 Salem street.
Parker, Phillip, steam fitter, 8 Middle street.
Parker, William C., leather manufacturer, 46 Arlington road.
Perham, Alonzo L., foreman, 23 Green street.
Pierce, Elmore A., clerk, 81 Winn street.
Peterson, Martin, shoe stock, 14 Garfield avenue.
Pressy, John M., retired, 75 Mishawum road.

Quinn, Thomas, laborer, 128 Garfield avenue.

Randall, Walter B., counter moulder, 9 Prospect street.
Russell, George P., farmer, 479 Washington street.

Shea, John J., barber, 6 Ash street.
Shannon, Thomas J., foreman, 65 Elm street.
Sheerin, Thomas, currier, 71 Washington street.
Stearns, Walter E., machinist, 57 1-2 Mishawum rd.
Stevens, Edwin W., carpenter, 48 Kilby street.
Stone, Clinton C., clerk, 664 Main street.
Sweetser, John H., clerk, 15 Cleveland avenue.
Sweeney, Thomas J., conductor, 340 Washington street.

Toland, John J., patent leather, 10 Mann court.
Tripp, Charles E., undertaker, 2 Eastern avenue.
Tufts, Edward A., farmer, 221 Cambridge street.

Vary, Raymond, E. P., superintendent, 53 Lake avenue.

Warren, George R., actor, 35 Mishawum road.
Waters, George E., bookkeeper, 59 Arlington road.
Wilcox, Walter L., insurance agent, 26 Salem street.

Winn, Joseph F., coal business, 14 Johnson street.
Wyman, Walter B., clerk, 71 Garfield avenue.

JOHN C. N. PARKER
JOHN C. MEEHAN,
FRED F. LOWELL,
JOHN H. FINN,
Board of Registrars of Voters.

Woburn, Mass., June 22, 1911.

The following jurors were drawn in 1911:

William H. Curtis
John F. Glennon
Daniel Sullivan
Frank G. Richardson
Parker L. Eaton
Alfred B. Cummings
Jinkins W. Jones
William F. Smith
Bernard F. McHugh
Edward Banwell
Jacob A. Ham
Edgar C. Allen
William Davis
Isaac D. Farmer
Thomas H. Dolan
John J. Connolly
William H. Forbes
Wellington McCabe
Patrick H. McCauley
Frank W. Turner
John W. Scribner
Benjamin L. Trull
Edward L. Shea
James F. Given
John W. Stewart
Thomas L. Loomer
James H. Farrey
Thomas J. Sweeney
John Maguire
Charles Bancroft
John J. Murphy
Edwin W. Stevens

CITY OF WOBURN, PRIMARIES

September 26, 1911.

The vote in detail:

	Wards							
GOVERNOR	1	2	3	4	5	6	7	Total
Eugene N. Foss, D.	65	34	38	42	29	11	39	258
Eugene N. Foss, D. R.	0	1	0	0	0	0	0	1
Thomas L. Hisgen, D.	8	4	5	2	3	2	2	26
Louis A. Frothingham, R.	37	40	33	42	8	50	15	225
Joseph Walker, R.	14	23	14	39	7	29	3	129
Norman H. White, R.	4	7	12	10	1	7	8	49
Blanks,	5	9	1	2	5	3	3	28
Defective,	2	4	2	3	0	0	0	11
Totals,	135	122	105	140	53	102	70	727
LIEUTENANT GOVERNOR								
David I. Walsh, D.	72	40	44	40	32	13	38	279
David I. Walsh, D. R.	0	0	0	0	0	0	0	0
Robert Luce, R.	55	70	56	91	16	81	26	395
Charles Wright, R.	1	0	0	0	0	0	0	1
Blanks,	7	12	5	9	5	8	6	52
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727
SECRETARY								
Frank J. Donaghue, D.	63	33	38	38	32	9	34	247
Edward O. Skelton, D.	7	6	2	5	0	3	7	30
Edward O. Skelton, D. P.	0	0	0	0	0	0	0	0
Albert P. Langtry, R.	43	52	45	73	11	58	17	299
Russell A. Wood, R.	11	18	12	20	5	19	9	94
Blanks,	9	10	7	4	5	13	3	51
Defective,	2	3	1	0	0	0	0	6
Totals,	135	122	105	140	53	102	70	727

TREASURER

Augustus L. Thorndike, D.	68	40	41	42	29	12	34	266
Augustus L. Thorndike, D. P	0	0	0	0	0	0	0	0
Elmer A. Stevens, R.	54	70	56	90	16	75	25	386
Blanks,	13	12	8	8	8	15	11	75
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

AUDITOR

Charles B. Strecker, D.	66	39	42	41	27	12	33	260
Charles B. Strecker, D. P.	0	0	0	0	0	0	0	0
Herbert W. Burr, R.	8	31	20	31	2	33	7	132
John E. White, R.	45	35	35	60	14	43	18	250
Blanks,	16	17	8	8	10	14	12	85
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

ATTORNEY GENERAL

George W. Anderson, D.	28	23	16	25	23	9	20	144
Joseph J. Leonard, D.	39	17	27	16	8	3	18	128
James M. Swift, R.	55	68	57	88	16	76	25	385
Blanks,	11	13	5	11	6	14	7	67
Defective,	2	1	0	0	0	0	0	3
Totals,	135	122	105	140	53	102	70	727

COUNCILLOR

Charles Hart, D.	1	0	0	0	0	0	0	1
Patrick Clancy, D.	1	0	0	0	0	0	0	1
M. J. Greaney, D. P.	0	0	0	0	0	0	1	1
Herbert E. Fletcher, R.	50	66	55	65	15	68	22	341
Blanks,	83	56	50	75	38	34	47	383
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

SENATOR, SIXTH MIDDLESEX DISTRICT

Joseph Joyce Donahue, D.	63	42	41	38	30	12	35	261
Charles H. Brown, R.	52	66	53	85	16	75	25	372
Blanks,	20	14	11	17	7	15	10	94
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

REPRESENTATIVES IN GENERAL COURT, 20th MIDDLESEX DISTRICT

George L. Flint, D.	16	15	12	9	14	3	8	77
James E. Kelley, D.	53	28	35	27	12	9	27	191
Joseph Henry Parker, Jr. D.	72	29	42	40	26	12	32	253
Henry L. Andrews, R.	38	58	48	62	13	65	23	307
Jesse W. Morton, R.	12	11	13	27	2	11	4	80
George L. Pratt, R.	21	12	23	29	6	11	7	109
Charles M. Strout, R.	24	45	21	45	10	56	15	216
Joseph Henry Parker, Jr. R.	2	1	4	3	0	0	0	10
Blanks,	32	39	10	38	23	37	23	202
Defective,	0	6	2	0	0	0	1	9
Totals,	270	244	210	280	106	204	140	1454

COUNTY COMMISSIONERS

Charles J. Barton, D	64	36	40	36	27	12	32	247
Charles W. Atkins, R.	14	28	16	26	6	27	13	130
Levi S. Gould, R.	40	38	39	63	10	43	13	246
Blanks,	17	19	10	15	10	20	12	103
Defective,	0	1	0	0	0	0	0	1
Totals,	135	122	105	140	53	102	70	727

REGISTER OF DEEDS, MIDDLESEX SOUTH DISTRICT

Charles Leo Shea, D.	59	38	40	35	25	12	35	244
Edwin O. Childs, R.	54	68	55	86	16	72	25	376
Blanks,	22	16	10	19	12	18	10	107
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

CLERK OF COURTS

Thomas F. Kearns, D.	62	38	40	37	27	12	34	250
William S. Dillingham, R.	53	65	56	88	16	72	26	376
Blanks,	20	19	9	15	10	18	10	101
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

STATE COMMITTEE

Thomas E. Dwyer, D.	62	39	39	36	28	12	31	247
Thomas E. Dwyer, D. P.	0	0	0	0	0	0	0	0
Wilton B. Fay, R.	34	48	36	66	11	41	21	257
Edward T. McKnight, R.	19	19	18	21	4	24	5	110
Blanks,	20	16	12	17	10	25	13	113
Defective,	0	0	0	0	0	0	0	0
Totals,	135	122	105	140	53	102	70	727

WARD 1.

DELEGATES TO STATE CONVENTION...

James Kelley, D.	5
William F. Davis, R.	51
Blanks,	74
Defective,	0

WARD 2

Thomas E. Foley, D.	1
John J. Costello, D.	1
George A. Locke, R.	58
Willard K. Fowle, R.	63
Blanks,	72
Defective,	0

WARD 3

James H. Connolly, D.	2
Frederick A. Flint,R.	54
Francis A. Buckman, R.	52
Blanks,	51
Defective,	0

WARD 4

Hugh D. Murray, D.	1
John F. Murphy, D.	1
Lawrence Reade, D.	1
Daniel H. Holland, D.	1
George F. Bean, R.	12
Everett P. Fox, R.	9
William E. Blodgett, R.	3
Blanks,	186
Defective,	0

WARD 5.

James Corrigan, D.	1
George F. Hosmer, R.	15
Blanks,	37
Defective,	0

WARD 6

Charles O'Neil, D.	1
John O'Neil, D.	1
B. Frank Kimball, R.	79
Carl Carlberg, R.	71
Blanks,	39
Defective,	0

WARD 7

Dennis P. Blake, D.	9
Patrick J. Lawn, D.	3
William A. Lynch, D.	2
James S. Given, R.	26
Blanks,	27
Defective,	0

WARD COMMITTEE

WARD 1

John J Beattie, D.	53
William H. Hogan, D.	51
Frank G. Smith, D.	49
W. Frederick Davis, Jr R.	53
Harry A. Fellows, R.	55
Rufus C. Hayward, R.	51
Samuel W. Mendum, R.	55
Benjamin H. Nichols, R.	54
Blanks,	169
Defective,	2

WARD 2

Patrick Brown, D.	36
John J. Costello, D.	39
Thomas E. Foley, D.	34
John C. Meehan, D.	36
John C. Andrews, R.	64
Charles H. Cadwell, R.	62

Willard K. Fowle, R.	64
Herbert S. Riley, R.	64
Charles S. Rosenquist, R.	63
Blanks,	99
Defective,	0

WARD 3

Charles A. McDonough, D.	27
Charles A. McGovern, D.	27
John J. Moran, D.	29
Marcus H. Cotton, R.	53
Albert B. Grimes, R.	52
Charles H. Harrington, R.	53
William A. Prior, R.	54
Frank E. Wetherell, R.	48
Blanks,	128
Defective,	0

WARD 4

William H. Jones, D.	38
James S. Murray, D.	38
William G. Kelley, D.	36
William F. Murphy, D.	37
William E. Blodgett, R.	3
Nathan W. Frye, R.	69
Carl O. Everburg, R.	72
Lester I. Hartshorne, R.	68
C. B. Strout, R.	2
Blanks,	261
Defective,	0

WARD 5

George F. Hosmer, R.	15
Guion Locke, R.	14
Edward P. Mock, R.	14
William E. Turner, R.	15
Thomas J. Wright, R.	14
Blanks,	108
Defective,	0

WARD 6

Joseph McHugh, D.	2
Frank McKittrick, D.	1
Charles O'Neil, D.	3
Samuel Highley, R.	81
Walter R. Merchant, R.	75
Henry P. Harrington, R.	74
Samuel Dean, R.	76
Maurice R. Greene, R.	75
Blanks,	95
Defective,	0

WARD 7

John J. Geary, D.	18
Patrick J. Lawn, D.	18
Thomas Lawn, D.	9
John F. Martin, D.	20
George W. Copp, R.	26
Henry L. Andrews, R.	25
George H. Foster, R.	25
James Given, R.	26
Frank Menchin, R.	26
Blanks,	58
Defective,	0

CITY OF WOBURN, STATE ELECTION

November 7, 1911

The vote in detail:

GOVERNOR	Wards 1	2	3	4	5	6	7	Total
James F. Carey, S.	7	6	4	5	3	5	2	32
Eugene N. Foss, D.	266	271	212	222	146	86	95	1298
Eugene N. Foss, D. P.	0	0	0	0	0	0	0	0
Louis A. Frothingham, R.	155	209	188	221	50	200	69	1092
Dennis McGoff, S. L.	2	3	2	6	1	3	0	17
Frank N. Rand, P.	0	3	2	2	0	2	0	9
Joseph Walker	0	0	0	0	0	1	0	1
Defective	4	3	2	2	0	2	1	14
Blanks,	3	3	4	5	7	3	0	25
Totals	437	497	414	463	297	302	167	2488

LIEUTENANT-GOVERNOR	1	2	3	4	5	6	7	Total
Walter S. Hutchins, S.	9	6	3	8	2	6	3	37
Robert Luce, R.	142	202	162	216	51	209	68	1050
William J. Merrill, P.	4	3	5	6	1	2	2	23
Patrick Mulligan, S. L.	1	3	2	3	2	4	0	15
David I. Walsh, D. P. D.	273	267	224	215	142	75	90	1268
Defective,	1	1	1	4	0	1	0	8
Mr. Grimes	0	0	0	0	0	1	0	1
Blanks,	7	16	17	11	9	4	4	68
Totals	437	498	414	463	207	302	167	2488

SECRETARY	1	2	3	4	5	6	7	Total
David Craig, S. L.	3	2	2	6	2	3	0	18
Frank J. Donahue, D. P., D.	260	272	219	216	138	72	90	1267
Alfred H. Evans, P.	1	5	4	11	1	8	3	33
Rose Fenner, S.	6	6	1	3	0	2	2	20
Albert P. Langtry, R.	140	191	163	207	47	196	66	1010
Defective,	4	1	1	0	0	1	0	7
Blanks,	23	21	24	20	19	20	6	133
Totals	437	498	414	463	207	302	167	2488

TREASURER

Joseph M. Coldwell, S.	7	4	3	5	1	2	1	23
Jeremiah P. McNally, S. L.	1	7	8	7	2	4	3	32
Charles E. Peakes, P.	2	4	3	5	0	5	2	21
Elmer A. Stevens, R.	142	201	167	214	48	206	71	1049
Augustus L. Thorndike, D. P., D.	258	249	201	203	133	66	81	1191
Defective,	4	2	1	2	0	1	0	10
Blanks,	23	31	31	27	23	18	9	162
Totals,	437	498	414	463	207	302	167	2488

AUDITOR

Carl Linstrand, S. L.	3	5	2	10	2	4	2	28
Sylvester J. McBride, S.	6	3	5	2	1	2	1	20
William W. Nash, P.	3	8	6	8	2	6	1	34
Charles B. Strecker, D. P., D.	259	254	198	209	129	69	83	1201
John E. White, R.	132	196	159	201	41	197	66	992
Defective,	3	0	0	0	0	1	0	4
Blanks,	31	32	44	33	32	23	14	209
Totals	437	498	414	463	207	302	167	2488

ATTORNEY-GENERAL

George W. Anderson, D. P., D.	262	255	201	218	132	66	78	1212
Henry C. Hess, S. L.	2	2	4	6	1	3	3	21
George E. Roewer, Jr., S.	5	3	2	4	0	4	1	19
James M. Swift, R.	135	198	164	203	46	200	68	1014
C. H. Haggett,	0	1	0	0	0	0	0	1
Defective,	1	0	2	0	0	1	0	4
Blanks,	32	39	41	32	28	28	17	217
Totals	437	498	414	463	207	302	167	2488

COUNCILLOR, SIXTH DISTRICT

Leander V. Colahan, D.P.,D.	239	259	208	207	130	72	84	1199
Herbert E. Fletcher, R.	162	201	163	215	46	199	68	1054
Defective,	0	0	0	2	0	0	0	2
Blanks,	36	38	43	39	31	31	15	233
Totals	437	498	414	463	207	302	167	2488

SENATOR, SIXTH DISTRICT

Charles H. Brown, R.	147	206	169	229	55	208	64	1078
Joseph Joyce Donahue, D.	271	271	218	208	134	80	85	1267
Defective,	0	0	0	2	0	0	0	2
Blanks,	19	21	27	24	18	14	18	141
Totals	437	498	414	463	207	302	167	2488

REPRESENTATIVES, TWENTIETH MIDDLESEX DISTRICT

Henry L. Andrews, R.	131	209	158	211	53	199	65	1026
James E. Kelley, D.	234	216	189	172	113	70	80	1074
Joseph Henry Parker, Jr., D.	322	313	262	280	130	119	81	1507
George L. Pratt, R.	89	133	99	134	38	128	44	665
Defective,	0	1	0	4	0	0	0	5
Blanks,	98	124	120	125	80	88	64	699
Totals	874	996	828	926	414	604	334	4976

COUNTY COMMISSIONER

Charles J. Barton, D.	280	261	219	211	135	70	87	1263
Levi S. Gould, R.	127	199	161	213	46	203	64	1013
Defective,	0	0	0	2	0	0	0	2
Blanks,	30	38	34	37	26	29	16	210
Totals	437	498	414	463	207	302	167	2488

CLERK OF COURTS

William C. Dillingham, R.	147	203	163	221	50	201	67	1052
Thomas F. Kearns, D. P., D.	258	258	215	201	130	69	80	1211
Defective,	0	0	0	0	0	0	2	2
Blanks,	32	37	36	39	27	32	20	223
Totals	437	498	414	463	207	302	167	2488

REGISTER OF DEEDS

Edwin O. Childs, R.	151	198	158	221	51	197	67	1043
Charles Leo Shea, D.	250	249	209	193	118	68	86	1173
Defective,	0	1	0	1	0	0	0	2
Blanks,	36	50	47	48	38	37	14	270
Totals	437	498	414	463	207	302	167	2488

VOTING MACHINE AMENDMENT

Yes	235	240	203	245	80	135	91	1229
No	74	98	85	90	39	72	31	492
Defective,	0	1	0	0	0	0	0	1
Blanks,	129	159	126	128	88	95	42	766
Totals	437	498	414	463	207	302	167	2488

HIGHWAYS AMENDMENT

Yes	248	229	214	240	80	157	82	1250
No	66	96	69	78	37	60	37	443
Defective,	0	0	0	0	0	0	0	0
Blanks,	123	173	131	145	90	85	48	795
Totals	437	498	414	463	207	302	167	2488

RETIREMENT AMENDMENT

Yes	247	240	236	246	94	146	79	1288
No	62	84	75	76	29	67	38	431
Defective,	0	0	0	0	0	0	0	0
Blanks,	128	174	103	141	84	89	50	769
Totals,	437	498	414	463	207	302	167	2488

POLICE AMENDMENT

Yes	251	255	248	275	90	156	95	1370
No	68	90	75	67	32	48	25	405
Defective,	0	0	0	0	0	0	0	0
Blanks,	118	153	91	121	85	98	47	713
Totals,	437	498	414	498	207	302	167	2488

REPRESENTATIVE, TWENTIETH MIDDLESEX DISTRICT

	Andrews	Kelley	Parker	Pratt
Burlington	46	21	47	38
Wilmington	105	149	73	112
North Reading	109	29	43	122
Reading	646	209	220	752
Woburn	1026	1074	1507	665
Totals	1932	1482	1890	1689

SENATOR, SIXTH SENATORIAL DISTRICT

	Brown	Donahue
Woburn	1078	1267
Winchester	807	368
Wakefield	1073	832
Stoneham	718	476
Medford	2017	1361
Arlington	949	618
Totals	6642	4862

CITY OF WOBURN, MUNICIPAL ELECTION

Tuesday, December 12, 1911

	Wards							
MAYOR	1	2	3	4	5	6	7	Total
Samuel Highley, I. C.	69	72	101	103	43	190	54	632
**Hugh D. Murray, D.	281	284	232	226	157	82	88	1350
Elmer E. Silver, R.	193	241	177	208	68	117	55	1059
Defective,	0	1	0	1	0	1	1	4
Blanks,	11	4	8	5	6	0	0	34
Totals	554	602	518	543	274	390	198	3079
BOARD OF PUBLIC WORKS								
William H. Conway, D.	291	279	247	211	137	87	94	1346
*John M. Wallace, R.	217	270	233	298	95	258	92	1463
Defective,	1	0	0	0	0	0	0	1
Blanks,	45	53	38	34	42	45	12	269
Totals	554	602	518	543	274	390	198	3079
ALDERMEN-AT-LARGE								
**Jens J. S. Andreason, 5 D	311	313	247	246	167	123	98	1505
**James Boyle, 5 D	297	287	237	211	154	91	92	1369
Charles H. Cadwell, 2 R	201	257	226	269	81	258	97	1389
**Thomas E. Callahan,2 D	303	315	245	221	150	89	93	1416
James Corrigan,5 D	278	266	232	189	158	74	78	1275
Albert J. Davis,3 D	295	266	247	219	140	99	85	1351
William F. Davis, Jr., 1 R	199	240	204	259	74	224	88	1288
John W. Fox,4 R	213	271	230	274	82	233	86	1389
John J. Geary,7D	298	278	224	204	136	80	115	1335
**Harry A. Jones,4 R	217	278	244	310	103	256	94	1502
William G. Kelley,4 D	285	285	230	239	140	92	94	1365
Guion Locke,5 R	169	212	179	225	84	213	69	1151
Parker T. Poole,6 R	221	261	244	272	68	252	92	1410
Charles J. Rinquist, 4 R	170	226	201	231	69	214	70	1181
**Frank D. Sullivan,3 D	313	304	207	249	132	106	93	1434
George H. Taylor,3 R	186	224	206	255	65	228	76	1240
Defective,	40	7	24	25	16	32	0	144
Blanks,	436	526	487	436	383	456	164	2888
Totals	4432	4816	4144	4344	2192	3120	1584	24632

ALDERMEN FROM WARDS

WARD ONE								
Patrick H. McCauley, D.	258	—	—	—	—	—	—	258
*James F. McGovern, R.	262	—	—	—	—	—	—	262
Defective,	2	—	—	—	—	—	—	2
Blanks,	32	—	—	—	—	—	—	32
WARD TWO								
*William F. Callahan, D.	—	300	—	—	—	—	—	300
John W. Cogan, R.	—	268	—	—	—	—	—	268
Defective,	—	1	—	—	—	—	—	1
Blanks,	—	33	—	—	—	—	—	33
WARD THREE								
Albert B. Grimes, R	—	—	224	—	—	—	—	224
*Dennis P. Hogan, D.	—	—	263	—	—	—	—	263
Blanks,	—	—	31	—	—	—	—	31
WARD FOUR								
*Benjamin C. Rix, R.	—	—	—	426	—	—	—	426
Defective,	—	—	—	1	—	—	—	1
Blanks,	—	—	—	116	—	—	—	116
WARD FIVE								
*James H. Lynch, R. D.	—	—	—	—	135	—	—	135
Edward P. Mock, R.	—	—	—	—	120	—	—	120
Blanks,	—	—	—	—	19	—	—	19
WARD SIX								
**Walter R. Merchant, D.R.	—	—	—	—	—	294	—	294
Defective,	—	—	—	—	—	0	—	0
Blanks,	—	—	—	—	—	95	—	95
WARD SEVEN								
Frank H. Graham, R.	—	—	—	—	—	—	92	92
*Frank H. Naven, D.	—	—	—	—	—	—	95	95
Blanks,	—	—	—	—	—	—	11	11
Totals	554	602	518	543	274	390	198	3079

SCHOOL COMMITTEE

*Fred J. Brown, 1 R	356	415	388	508	132	425	139	2363
Charles G. Hill, 5 D	409	388	374	320	254	117	139	2001
*B. Frank Kimball, 6 R ...	344	418	383	509	125	454	136	2369
Neal McColgan, 4 D	412	363	357	298	228	95	131	1884
*Elizabeth West Parker, 6 R	341	407	374	503	122	417	139	2303
Anastasia L. Reade, 4 D ...	400	375	347	302	238	94	130	1886
Defective, ...	3	3	119	6	0	6	0	137
Blanks, ...	129	147	7	113	99	132	62	689
Totals, ...	2394	2516	2349	2559	1198	1740	876	13632

LICENSE

Yes	266	269	208	219	139	132	87	1320
*No	275	316	291	309	124	246	97	1658
Blanks, ...	13	17	19	15	11	12	14	101
Totals, ...	554	602	518	543	274	390	198	3079

***Elected** **Re-elected

REGISTER OF VOTERS

	Wards							
MALES	1	2	3	4	5	6	7	Total
Lists at Municipal Election, 1910	593	646	598	587	305	420	215	3364
Lists at close of Revision, August 1, 1911	572	613	558	561	279	385	202	3170
Lists at State Election, November 7, 1911	582	626	566	584	292	409	214	3273
Lists at Municipal Election, December 12, 1911	603	661	585	607	308	434	217	3415
Assessed polls, November 22, 1911	788	873	715	795	392	635	295	4493
Number voting at Primaries, September 26, 1911	135	122	105	140	53	102	70	727
Number voting at State Election	437	498	414	463	207	302	167	2488
Number voting at Municipal Election	554	602	518	543	274	390	198	3079
WOMEN								
Lists at Municipal Election, 1910	323	259	332	342	106	211	100	1673
Lists at close of revision, June 1911	308	244	324	333	96	203	92	1600
Lists at Municipal Election, December 12, 1911	346	300	367	395	150	254	115	1927
Number voting at Municipal Election, Dec. 12, 1911	244	237	265	310	125	190	94	1465

AMENDMENTS TO THE REVISED ORDINANCES OF 1906, PASSED BY THE CITY COUNCIL DURING THE YEAR 1911.

An amendment relative to the increase of pay of the Call Drivers of Hose 2, 3, 4, and 5.

Be it ordained by the City Council of the City of Woburn, as follows:

That Section 4, Chapter 3, of the Revised Ordinances of 1906, be and hereby is amended by striking out in said section in the eighth and ninth lines on page thirteen of the printed ordinances the words, "One hundred and fifty-six dollars" and substituting therefor, the words, "Two hundred and fifty-six dollars," so that said lines as amended, shall read as follows;

"Drivers of hose 2, 3, 4, and 5 two hundred and fifty-six dollars a year, in addition to salary as fireman."

City Council; December 28, 1911.

Passed to be ordained.

Approved; December 29, 1911.

A true copy; Attest:

WILLIAM A. LYNCH,
Clerk.

Amendment increasing the number of Patrolmen in the Police Department, from thirteen to fourteen.

Be it ordained by the City Council of the City of Woburn:

That the ordinances be amended by striking out the word "Thirteen" in Section 1, of Chapter 21, of the Revised Ordinances, and substituting the word "fourteen" so that said section will read:

"The Police Department shall consist of the Chief of Police, Lieutenant of Police, and fourteen patrolmen."

City Council; December 28, 1911.

Passed to be ordained.

Approved; December 29, 1911.

A true copy; Attest:

WILLIAM A. LYNCH,
Clerk.

Amendment relative to the salary of the Chief of Police.

Be it Ordained by the City Council of the City of Woburn, as follows:

That section 4 of Chapter 3 of the Revised Ordinances in relation to the salary of the Chief of Police, be changed, so as to read as follows:

"Chief of police, Thirteen Hundred and Fifty Dollars, per year."

Passed to be ordained.

City Council; December 28, 1911.

Approved, December 29, 1911.

A true copy; Attest:

WILLIAM A. LYNCH,
Clerk of City Council.

IN MEMORIAM

JOHN HENRY FINN, City Clerk.

Died July 19, 1911.

RESOLUTIONS ADOPTED BY THE WOBURN CITY COUNCIL OF 1911 ON THE DEATH OF CITY CLERK JOHN H. FINN.

WHEREAS: Almighty God ,Infinite Ruler of the Universe, has tolled the passing bell, the final mandate of the Divine Master has been obeyed, and our honored associate, John H. Finn, in the plenitude of years, has moved gently down the stream of life, and slumbers with his fathers, therefore be it

RESOLVED: That the members of Woburn City Council 1911, in mournful recognition of the lamentable death of our dear friend and City Official, sincerely and sorrowfully join in an expression of profound grief at the untimely demise of

JOHN H. FINN.

To those who had enjoyed the privilege and the pleasure of his personal intimacy, to those familiar with his quiet manly dignity, his unassuming but thorough knowledge of affairs, his innate modesty, nobility of character and courteous disposition, he will ever reman in memory a revered and cherished figure.

The plain life story of JOHN H. FINN needs no embellishment. The simple record of his career presents an ideal example of meritorious achievement and eminent public service in the sphere of his special endeavor, and in the deep and underlying essentials that go to make up the fine type of character, he was richly and superbly endowed.

Accomplished and versatile, generous and friendly, incomparable

JOHN H. FINN.

BE IT FURTHER RESOLVED: That these resolutions be engrossed upon the records of the Woburn City Council of 1911, and that a copy be presented to the bereaved family of the beloved dead.

To them we extend our deep and heartfelt sympathy in their irreparable loss and sad affliction.

HUGH D. MURRAY, Mayor.
WILLIAM H. HENCHEY,
J. FRED MALONEY,
THOMAS E. CALLAHAN.

RESOLUTIONS ON ALDERMAN McDEVITT'S DEATH;

WHEREAS: It has pleased his Heavenly Father to call to his reward our friend and colleague;

ALDERMAN FRANK McDEVITT,

RESOLVED: That in the death of Alderman McDevitt, his family loses a dutiful son and loving brother, and the City of Woburn a faithful representative, and be it further

RESOLVED: That a copy of these resolutions be spread on the minutes of the City Council, and a copy thereof be sent to the family of the deceased.

JOHN J. GEARY, Chairman.
WILLIAM G. KELLEY,
J. FRED MALONEY,
Committee.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF WOBURN

For the Year Ending December 31, 1911

THE NEWS PRINT, WOBURN, MASS.
1912

In School Committee.

December 26, 1911.

Ordered, That the annual reports of the Auditor, the Superintendent of Schools, and the Truant Officer be received and printed as the annual report of the School Committee.

George I. Clapp, Secretary.

SCHOOL COMMITTEE, 1911

HERBERT B. DOW,
Chairman.

CHARLES C. CLARKE,
Auditor.

GEORGE I. CLAPP,
Secretary.

Members.		Term Expires
Herbert B. Dow,	46 Warren Ave.,	1911
Clara N. Kelley,	690 Main St.,	1911
Frank B. Richardson,	9 Mishawum Rd.,	1911
John G. Maguire,	113 Montvale Ave.,	1912
Samuel W. Mendum,	16 Arlington Rd.,	1912
Grace L. Norris,	60 Bow St.,	1912
Charles C. Clarke,	46 Mishawum Rd.,	1913
William W. Crosby,	41 Arlington Rd.,	1913
Elizabeth L. Keleher,	48 Pleasant St.,	1913

Meetings.

The regular meetings of the Committee are held in the Trustees' Room, Savings Bank Block, on the last Tuesday of each month at 8 p. m.

Office.

Savings Bank Block, Rooms 10 and 11. The office is open on school days from 8 to 12 a. m., and from 1.30 to 5.30 p. m. The Superintendent's hours are from 8 to 9 a. m., and from 4.30 to 5.30 p. m., on school days, except Wednesdays. Telephone, Woburn 131.

Superintendent.

GEORGE I. CLAPP, 47 Montvale Avenue.

Superintendent's Secretary

JAMES S. FOWLE, 12 Auburn Street.

School Physician.

DR. CHARLES T. O'BRIEN, Pleasant Street.

Truant Officer.

THOMAS MULKEEN, 106 Pleasant Street.

STANDING COMMITTEES

Buildings and Hygiene—Mr. Crosby, Mrs. Keleher and Mr. Mendum.

Music and Drawing—Mrs. Kelley, Mrs. Keleher and Mr. Richardson.

Appropriations and Fuel—Mr. Dow, Mrs. Kelley and Mr. Maguire.

Rules and Regulations—Mr. Dow, Mr. Maguire and Mr. Clarke.

Text Books and Course of Study—Miss Norris, Mr. Crosby and Mr. Clarke.

Military Drill—Mr. Clarke, Mr. Mendum and Mr. Crosby.

LOCAL COMMITTEES.

Cedar Street School—Mr. Mendum, Mrs. Kelley and Mr. Maguire.

Cummings School—Miss Norris, Mr. Dow and Mr. Richardson.

Evening School—Mr. Crosby, Mr. Richardson, and Mr. Maguire.

Goodyear School—Mr. Mendum, Mrs. Keleher and Mr. Clarke.

Hanson School—Mr. Crosby, Mrs. Kelley and Mr. Maguire.

High School—Mr. Dow, Miss Norris and Mr. Mendum.

Highland School—Mr. Mendum, Mr. Crosby, and Mr. Maguire.

Johnson School—Mr. Crosby, Mrs. Keleher and Mr. Clarke.

Lawrence School—Mr. Richardson, Mrs. Kelley and Mr. Mendum.

Morse Street School—Mr. Dow, Mrs. Keleher, and Mr. Mendum.

Parker School—Mr. Richardson, Miss Norris and Mr. Clarke.

Plympton School—Mrs. Kelley, Mrs. Keleher and Mr. Clarke.

Rumford School—Miss Norris, Mrs. Keleher and Mr. Maguire.

Union Street School—Mr. Maguire, Miss Norris, and Mr. Dow.

Wyman School—Mrs. Kelley, Mr. Richardson and Mr. Clarke.

AUDITOR'S REPORT

To the School Committee:

In submitting this report I take this opportunity of stating that in my opinion there should be a Finance Committee connected with this Board and that it should not be composed of any member of the Building and Hygiene Committee. Accounts coming from that committee are loosely passed upon and confirmed. If more care were taken in drawing up specifications and contracts the Board would attain better results. The purchasing of supplies for the schools should be done by one person, who should be the Purchasing Agent. I think it unwise and against the rules to allow teachers to purchase supplies. There is no reason why the entire supplies for our schools should not be centralized, and a large saving effected thereby.

The following statement shows the receipts and expenditures for 1911.

RECEIPTS

Annual appropriation	$67,002 47	
Appropriation for repairs	2,150 00	
Appropriation for typewriters	350 00	
Appropriation for salary increases	1,650 00	
Tuition	1,677 25	
Hay, Dow Farm	95 00	
Sales and damage to property	26 16	
		$72,950 88

EXPENDITURES

Salaries		
Teachers	$49,253 51	
Janitors	4,899 13	
Medical inspector	200 00	
Truant officer	400 00	
Superintendent	2,075 00	
Clerical assistant	548 97	
		$57,376 61

Fuel and light		
Coal	$5,033 19	
Wood	94 65	
Gas	50 14	
Electricity	38 00	
		$ 5,215 98
Text books and pupils' supplies		
Books	$2,562 93	
Supplies	1,608 75	
		$4,171 68
Buildings and hygiene		
Regular account	$2,096 35	
Special account	1,879 16	
		$3,975 51
Typewriters		335 00
Incidentals		
Rent of office	$200 00	
Printing	335 92	
Telephones	306 72	
Miscellaneous	154 02	
		$996 66
Evening School		
Teachers	$451 00	
Janitor	38 00	
Books and supplies	31 16	
Printing	8 75	
Gas	41 86	
		$570 77
Total expenditure		$72,642 21
Unexpended balance		308 67

CHARLES C. CLARKE, Auditor.

Woburn, Mass., Dec. 26, 1911.

SUPERINTENDENT'S REPORT

To the School Committee,
Ladies and Gentlemen:

In compliance with the rules of the Board the annual report of the Superintendent for 1911 is herewith presented.

In accordance with custom this report aims to furnish a permanent record of the more important events and statistics of the year, leaving the presentation of specific recommendations, for the most part, to the monthly reports. This custom has become established, apparently, through the fact that the annual report, while presented in December, does not appear in print until the city report is printed, late in the following spring, several months after the budget has been made up and the appropriations have been granted.

The year has witnessed a number of important happenings in school affairs, the most prominent of which have been the increasing of the maximum pay of all women teachers $50.00, the increasing of the pay of the janitors to the uniform rate of $75.00 a room, the coincident increase in janitors' duties with the consequent establishment of a higher standard of cleanliness for the schools, the revising of the High School course of study with increased provision for commercial studies, and, finally, the re-introduction of military drill as a required subject for the boys of the High School.

School Census.

The school census was taken as required by law and compared name by name with the school enrolment to make sure that no children had been overlooked and that all were in school who should be in attendance.

The number of children in the city on September first between the ages of five and fifteen, was found to be 3649, or

sixty-six less than in 1910. The number by wards, with the gain or loss compared with last year, was as follows:

Ward.	1910.	1911.	Gain.	Loss.
I.	639	659	20	—
II.	780	746	—	34
III.	564	606	42	—
IV.	623	556	—	67
V.	394	420	26	—
VI.	481	430	—	51
VII.	234	232	—	2
Totals	3715	3649	88	154
Net loss				66

Opening Postponed.

During the month or so preceding the date for opening schools for the fall term, there were a number of cases of infantile paralysis in the city and parents generally were much alarmed at the situation. It seemed uncertain whether the assembling of the pupils in school might not lead to a further spreading of the disease, and consequently the School Committee, acting upon the recommendation of the officials of the State Board of Health, voted to postpone the opening of the schools for one week. As no new cases appeared meanwhile, the schools opened accordingly on Thursday, Sept. 14.

September Adjustment.

The schools opened with much less congestion than usual. A number of parents delayed sending their children to school through fear of another outbreak of infantile paralysis. And when the enrolment was completed, it was found that the number of pupils was smaller than last year, apparently on account of an increase in the number going to the Parochial

School as well as a decrease in the school population of the city. The total membership at the end of the second week of school was 2932, or 85 less than a year ago. The enrolment by schools, with the gain or loss compared with last year, was as follows:

Schools	1911.	1910.	Gain.	Loss.
Cedar St.	66	75	—	9
Cummings	370	382	—	12
Goodyear	253	246	7	—
Hanson	232	239	—	7
High	428	424	4	—
Highland	183	196	—	13
Johnson	161	157	4	—
Lawrence	174	194	—	20
Morse St.	82	80	2	—
Parker	32	31	1	—
Plympton	276	293	—	17
Rumford	324	339	—	15
Union St.	172	184	—	12
Wyman	179	177	2	—
Totals	2932	3017	20	105
Net loss				85

With the decreased enrolment there were comparatively few difficulties in adjusting the grading and relieving such congestion as existed. The number of transfers between buildings was the smallest for many years, and when the schools were adjusted only a few teachers had more than the established maximum of forty-eight pupils in their rooms.

At the Rumford school, however, it was necessary to open an additional room. Last year the congestion in the upper grades in this building was met by providing an assistant in the principal's room. This fall there were too many pupils to make a continuance of this plan feasible, and it was decided to open the unused room instead. This was done and Miss

Anna A. Scanlon was appointed to the position thus created.

Salary Increases.

During the year the maximum salaries of all the women teachers in the city under salary schedule were increased fifty dollars, making the maximum for the primary grades $600.00, for the grammar grades $650.00, and for the High $800.00. The maximum salary for women principals under schedule was also increased by fifty dollars.

The schedule in detail and the revised rules regarding salaries are as follows:

Year	Primary	Grammar	High
1	350	400	450
2	400	450	525
3	450	500	600
4	500	550	675
5	550	600	750
6	600	650	800

The salaries named for the sixth year of the above schedule are the maximum salaries for the specified grades. The increase in a teacher's pay from the rate paid to the next higher rate takes place in September unless otherwise voted by the Board.

Women principals of grammar and primary schools receive, in addition to their salaries under the regular schedule, for each grammar or mixed room under their charge (not including their own), twenty-five dollars per annum, and for each primary room under their charge (not including their own), twelve dollars and a half per annum.

Whenever a woman teacher or principal in the grammar and primary grades or a woman teacher in the High School is first elected in Woburn, her position in the schedule is determined by vote of the Committee and may be either higher or lower than the position in the schedule to which she would be entitled had all her service in teaching been in Woburn.

The salaries of the janitors who were under schedule were also increased, and placed upon the basis of $75.00 a room, the rating of each position being determined by the Board.

The new salary list in detail is as follows:

Position	Rating	Salary
Cedar St.	2	$ 150
Cummings	9	675
Goodyear	6	450
Hanson and Wyman	10	750
Highland and Lawrence	8	600
Johnson	4	300
Morse St.	2	150
Parker	2	150
Plympton and Union St.	10	750
Rumford	8	600
High	—	1000

The new salary rates for both teachers and janitors went into effect at the beginning of the present school year, the additional money necessary for the purpose being provided foı by a special appropriation by the City Council.

In connection with the increase of the salaries of janitors, a numbeı of additions were made to their duties. Thus in general they are called upon to do more cleaning during the year and to make minor repairs, and, in addition, all who receive a salary of $500 or more are required to be present at the buildings under their charge all the time that school is in session.

Rate of Expenditure.

As shown in detail in the Auditor's report the total expenditure for the year, exclusive of that for evening school, amounted to $72,071.44. Of this amount $67,760.93 was spent for what is technically known as support of schools and the balance for the repair and improvement of buildings and

equipment. The expenditure per pupil, based upon the average membership of the schools, is shown in detail in the following table:

Account	Expenditure	Amount per pupil
Salaries	$57,376 61	$19 87
Fuel and light	5,215 98	1 80
Text-books and supplies	4,171 68	1 44
Incidentals	996 66	35
Total for support	$67,760 93	$23 46
Buildings and Hygiene		
Regular account	2,096 35	73
Special account	2,214 16	77
Total for buildings	$4,310 51	1 50
Grand totals	$72,071 44	$24 96

The total cost of the evening school was $570.77, or $10.04 for each pupil in the average membership.

Repairs and Improvements.

The principal repairs for the year were as follows: painting the exterior of the Lawrence, painting and varnishing the interiors of the Lawrence, Highland and Johnson, shingling a part of the roofs of the Plympton and Union St., building new porch steps at the Parker, putting in a new water supply at the Plympton, providing new window shades at the Cummings and Plympton, and putting in windows to light the basement stairways and sanitaries of the Goodyear. In addition there was the usual large number of small repairs.

It was planned to install a supplementary heating plant at the Morse St. school. An examination of the building this fall by the State Inspector, however, revealed the fact, already suspected, that the ventilation system was not up to modern

standards, and, upon his recommendation, the installation of a direct indirect steam gravity system was considered. The lowest proposal for doing this work, however, called for an expenditure of $1290.00, and as this was more than the Committee had at its disposal for the purpose, action was postponed to give time for further consideration.

The new boiler installed at the Hanson school a year ago provides an adequate amount of heat for the schoolrooms in use in the building, though some changes in the piping are desirable to make it fully effective. The ventilation and lighting of the building are still unsatisfactory judged by modern standards, and steps should be taken, as soon as it is possible to obtain the necessary funds, to thoroughly modernize this building and put it on an equality with our other buildings, which, as a rule, are well up to modern standards as regards heating, lighting and ventilation.

At present there is considerable waste, however, in operating the heating and ventilating system of the High school, due to the lack of a pump and receiver. This need has already been considered by the Board, but no action has been possible on account of the lack of funds. The matter may well be taken up again, as the annual saving in expenses would soon offset the cost of installation.

The policy of keeping the school floors oiled at all times has been adopted during the year. With the pneumatic sprayer now available this will be a comparatively easy task for the janitors, and will be a distinct advantage in helping solve the dust problem.

The installation of drinking fountains begun last year was completed this year, and all the school buildings of the city are now well supplied.

A number of adjustable castings for pupils' seats and desks have been put in and also some slate blackboards. It is desirable to continue the policy of providing these until each school room has at least a small number of adjustable castings, and the blackboards that are most used in each room are of slate.

High School.

The total membership of the High School for the school year ending last June was 429, distributed by classes and courses as follows:

	Classical	General	Totals
Freshman	24	115	139
Sophomore	16	80	96
Junior	27	84	111
Senior	9	56	65
Graduate	—	—	11
Special	—	—	7
Totals	76	335	429

The number graduated last June was sixty-four, nine in the classical and fifty-five in the general course. The average age of the graduates was eighteen years and eight months, the average age for those in the classical course being eighteen years and four months, and for those in the general course eihhteen years and nine months. Five of the graduates have entered colleges and technical schools, two have entered normal schools, two have begun the study of medicine, and five have returned to the High School as postgraduate students to complete their preparation for college.

The following table gives the membership of the school by classes for the past four years, the figures in heavy type indicating the changes in the membership of the graduating class in its progress through the school:

Year	Freshman	Sophomore	Junior	Senior
1907—'08	**121**	76	50	52
1908—'09	194	**98**	60	41
1909—'10	146	126	**88**	52
1910—'11	139	96	111	**65**

The enrolment for the present school year to date is 432, or five more than last year, distributed as follows:

Class	Boys	Girls	Totals
Freshman	69	71	140
Sophomore	50	52	102
Junior	36	42	78
Senior	38	56	94
Graduates	6	2	8
Specials	1	9	10
Totals	200	232	432

Of the 140 members of the entering class, 24 came from the eighth and 100 from the ninth grade of the Woburn schools, two came from the schools of other cities and five from Burlington, while ten were repeating the work of the grade.

During the year the High School course of study has been thoroughly revised in an attempt to meet the modern demands upon a High School so far as the financial conditions of the city permit. Under the new plan, which is printed in detail in the appendix and which went into effect this fall, the studies are arranged in four groups or courses,—college preparatory, general, Latin-scientific, and business. These designations indicate in a general way the aims and character of the different courses.

The college preparatory course differs from the former classical course mainly in the elimination of Greek, for which there has has been almost no demand for a number of years. With the extensive development of modern languages, history, and science as topics in High School courses, it has become more profitable for pupils to devote to these the time formerly given to Greek.

The general, Latin-scientific, and business courses cover the ground of the old general course and also provide for a number of new classes. The business course in particular has been enlarged and improved by increasing by a year each the

time given to bookkeeping, stenography and typewriting, and by adding new courses in business practice, business forms, and commercial law. Additional typewriters were purchased to provide the required additional equipment.

The general course has been improved by the addition of a course in Library Science, elective in the senior year. Mr. Evans, Librarian of the Public Library, has addressed the class in this subject a number of times and has given valuable advice and assistance in carrying on the work. The pupils have had an opportunity to put theory into practice in cataloguing and preparing for the shelves the new books purchased for the school library, as well as in studying problems involving the use of books already on the shelves. Mrs. Harlow has again generously given $200 for the purcase of books and this has been spent for reference books needed in connection with the work of the school. The Library now numbers nearly 1050 volumes.

Another important addition to the High School course of study was Military drill, which was made a required subject for all the boys of the school. The work began this fall under the capable instruction of Major John M. Portal and considerable progress has already been made in teaching the fundamentals of military drill and discipline. As there is no suitable place at the High School, the drills are held at the Armory by special arrangement with the State authorities and the payment of a small sum for rent. At present the battalion is drilling under a temporary organization, officered by non-commissioned officers. With the beginning of next month, it is planned to effect the regular organization for the year by the appointment as commissioned officers of the boys who have made the best records as non-commissioned officers.

The following tables show the choice of courses for the present school year and also the number of pupils pursuing each study.

Course	Fresh.	Soph.	Jr.	Sr.	Sp.	Gr.	Ttls.
College prep.	21	18	8	15	—	—	62
General	20	16	17	25	—	—	78
Latin Scientific	5	4	5	3	—	—	17
Business	94	64	48	51	—	—	257
Special	—	—	—	—	10	—	10
Graduate	—	—	—	—	—	8	8
Totals	140	102	78	94	10	8	432
Subject							
English	96	78	102	140	5	2	423
History	73	70	102	140	—	4	389
Algebra	4	19	3	43	—	2	71
Biology	—	—	3	107	1	—	111
Bookkeeping	51	48	64	—	—	—	163
Business Forms	—	—	—	94	—	—	94
Business Practice	—	—	—	94	—	—	94
Chemistry	16	—	—	—	2	2	20
Drawing	15	15	20	22	2	2	76
French	32	29	67	—	4	2	134
Geometry	27	1	33	—	—	3	64
German	24	24	—	—	—	2	50
Greek	3	—	—	—	—	—	3
Latin	26	9	21	39	4	3	102
Library Science	6	—	—	—	1	—	7
Military Drill	38	36	50	68	1	—	193
Music	37	43	102	140	6	2	330
Physics	—	27	—	—	—	—	27
Physiography	7	2	45	—	—	1	55
Physiology	7	2	45	—	—	1	55
Solid Geometry	—	—	—	—	—	2	2
Stenography	50	51	66	—	3	—	170
Typewriting	50	51	66	—	3	—	170

Evening School.

The public evening school was maintained as usual at the

Hanson for a period of ten weeks, four evenings a week, beginning Monday, Oct. 16, and closing Friday, Dec.22.

The total enrolment was 222 or 20 more than last year. The statistics by classes were as follows:

Class	Enrolment Men	Women	Total	Average Membership	Average Attendance	Percent of Attendance
Elementary	11	38	49	20.11	13.95	.69
Greek-English	32	0	32	16.92	13.21	.78
Bookkeeping	18	1	19	3.78	3.26	.86
Stenography and typewriting	37	34	71	24.68	16.32	.66
Drawing	14	0	14	4.34	3.39	.78
Civil service	37	0	37	9.29	6.71	.72
Totals	149	73	222	79.12	56.84	.72

The following teachers were employed in the classes named for the whole or a part of the session.

Royal R. Giles, Principal, Civil Service preparation.
Karen Ekman, Elementary.
Anna A. Scanlon, Elementary.
Theodore G. Govostes, Greek-English.
Ellen L. Watts, Greek-English.
M. Ada Monroe, Bookkeeping.
Mary R. Walsh, Stenography and typewriting.
Mary A. Murphy, Stenography and typewriting.
Robert K. Portal, Mechanical drawing.

Although the classes diminished rapidly in size after the first few nights, the attendance on the whole and especially in the class in stenography was better than usual. Thorough work was done in all the classes and the pupils who came regularly gave evidence of making good progress in their studies.

Summer School.

The summer school, under the direction of the Trustees of Warren Academy, opened in the Academy building on Sat-

urday, May 20, and was in session on Saturdays until the close of the spring term of the public schools, and then for four days a week until Aug. 11, when the session closed with the annual public exhibition of the work of the pupils.

Mr. Frank Carter continued as Principal and teacher of wood-working, and was assisted by the following teachers: Mr. James C. Clarke, woodworking; Miss Agnes Gordon and Miss Nannie S. Dawe, sewing; and Miss Elizabeth D. Chadwell, cooking.

The total enrolment of the school was 629, distributed by classes as follows: woodworking, 169; sewing, 286; cooking, 174.

The teachers of the school in their reports for the year give a detailed list of the objects made by the pupils. A person reading these reports is surprised to see how much work is accomplished and how comprehensive and thorough is the course offered by the school. The classes are not only free to all childfren living in the city, but they afford a kind of training not now available in the public schools. The public schools therefore should co-operate, as they do, to encourage enrolment in the summer school, and, in addition, every parent should make it a point to see that his children have the benefit of some or all of these practical and well taught courses.

Music.

The general plan of the instruction in music is unchanged. The work in the elementary schools consists of a combination of chorus training and individual work. Technical points are taken up in connection with the regular lessons. Ear training is made a prominent part of the individual work, and written examinations are given to test the pupil's knowledge of technical points.

An important change has been made in the organization of the classes in the High School. Heretofore music has been a required subject for all pupils. Under the new course of study music is required only in the first two years, and is

optional for the pupils of the two upper classes. Thus the chorus of the two upper classes is made up of those pupils who are especially interested in music, and so it will be possible to make greater progress with these pupils and undertake more difficult compositions. It is planned also to take up elementary harmony with this section, thus giving the pupils a knowledge of the foundations of music and music composition. This will be especially helpful to those pupils who later become students at the Normal School, and to those who plan to continue the study of music.

Drawing.

Miss Marion F. Bond, who was appointed as Supervisor of Drawing in 1910, resigned last summer, after one year of service, to accept a better position in Revere, and Miss Frances Walley was elected as her successor. Miss Walley began her duties in Woburn in October, and gives promise of making a capable and efficient supervisor for our schools. She has prepared the following statement of the aims of her work, which I am glad to include in this report.

"A proper co-ordination of the arts with the rest of the school work is a necessary condition for the success of any course." This saying of Mr. Sargent applies also to personal life, to its relation to home-making, and especially to productive industry. With all of these as well as with the work of the school must the arts be properly co-ordinated if the course in art instruction is to be comprehensive, effective, and of vital importance.

The sense of the beautiful should be one of the determining elements in production. A manufacturer should embody the highest degree of art in his product, and not merely make articles of utility. To accomplish this we must start in the schools and teach the pupils to appreciate the aesthetic, to think clearly, and to express their thoughts on paper in the form of drawings.

It is our aim to teach drawing in such a way as to make it more practical and to develop the pupils along intellectual, industrial and aesthetic lines.

In the primary grades, children draw spontaneously, with great readiness and confidence, which will disappear later, if not developed. They also draw from imagination.

In the intermediate grades they obtain a sense of proportion and the ability to sketch simple objects in correct relations of light and width and general position of parts.

In the grammar grades the pupils pay more attenton to detail and to drawing a correct representation of the character and proportions of the object, and are able also to make more effective representations of perspective appearance.

Memory drawing, if employed wisely, is a great help to careful observation. In this the pupils first study the object to be drawn. Then it is removed from sight and they draw from their mental image. The object is then replaced, the pupils look at it again, and then when it is again removed they are allowed to correct false impressions. The advantage of this method is that pupils learn to see the object as a whole and hence do not waste time in drawing parts.

The High School pupils are taking up freehand and mechanical drawing. Arts and crafts are being introduced to teach the pupils how to handle tools and produce results that are useful as well as ornamental.

Stamp Savings System.

The stamp savings system continues in operation under the direction of Mrs. Henrietta B. Zepp of the Womans Club and has had a very prosperous year. More money has been saved than usual and more deposited in the Savings Bank. The accounts at the bank show an increasing tendency to become permanent and thus form a natural extension and supplement of the stamp savings system.

Mrs. Zepp is assisted in the work by Mrs. Nellie G. Gay and Mrs. Alice H. Marion, who serve as assistant treasurers,

and by the following collectors, who visit the schools to which they are assigned once a week to sell and redeem stamps.

Cedar St.	Miss Louise Hosmer.
Cummings	Dr. Ada H. Tetford
Goodyear	Mrs. Helen Carter.
Highland	Mrs. Louise C. Evans.
Lawrence	Miss Susan DeLoriea.
Morse St.	Mrs. Martha Van Tassell.
Plympton	Mrs. Lizzie Lovering.
Rumford	Miss Helen Sylvester.
Union St.	Mrs. Nellie G. Gay.

Teachers' Institute.

A teachers' institute under the direction of Dr. John T. Prince, Agent of the State Board of Education, was held in the High School building on Friday, April 7. It was attended by the teachers of Woburn and the surrounding towns, and was a profitable occasion. The program was as follows:

9.00 A. M. Opening Exercises

9.15 A. M. General Address
"Hygiene"
J. Asbury Pitman, Principal, Salem State Normal School.

10.20 A. M. to 11.10 A. M.
Manual Arts, Grades 1—4.
Frederick L. Burnham, Agent of the Board.
Language and Grammar, Grades 5—9.
Miss Jessie P. Learoyd, Salem State Normal School
Geometry, High School
James W. Macdonald, Agent of the Board.
Commercial Studies, High School,
Arthur J. Meredith, Salem State Normal School.

11.20 A. M. to 12.10 P. M.
Geography and Nature Study, Grades 1—4.
Charles P. Sinnott,
Bridgewater State Normal School.

History, Grades 5—9.
Miss Frances B. Deane, Salem State Normal.
Elementary Agriculture, High School,
Julius E. Warren, Agent of the Board.
English Literature, High School,
Miss Hila Helen Small, Brockton High School.

INTERMISSION

1.30 P. M. to 2.20 P. M.
Language, Grades 1—4.
Miss Learoyd.
Manual Arts, Grades 5—9.
Mr. Burnham.
Uses of the Recitation, High School,
Mr. Macdonald.
History, High School,
Miss Deane
2.30 P. M. to 3.20 P. M.
Seat work, Grades 1—4,
Mr. Sinnott
English Composition, High School,
Miss Small
Physics, High School,
John C. Packard, High School, Brookline.

Medical Inspection.

At the end of last school year, Dr. Vernon C. Stewart completed his fifth year of service as School Physician. He was first appointed in 1906, when the work of medical inspection was begun in the schools, and during the five years of his employment he rendered good service in carrying out the plans for supervision and in helping establish the present system.

The following table gives a summary of his monthly reports for the school year ending last June:

Number of visits	145
Number of pupils examined	2347
Number of pupils sent home	13
Admission certificates issued	40
Vaccination ordered	12
Excused from vaccination	2
Diseases found	
Measles	2
Mumps	1
Whooping cough	1
Pediculosis	55
Scabies	1
Ringworm	2
Impetigo	15
Tonsilitis	1
Acute conjunctivitis	43
Tuberculosis	3
Enlarged tonsils	291
Defective eyesight	8
Defective hearing	6
Spinal curvature	1
Chorea	2
Heart lesions	69
Anaemia	3
Eczema	5
Congential hip disease	2
Infantile paralysis	3
Examination of teachers	8
Consultation of teachers	1

In September Dr. Stewart, who had become Chairman of the Board of Health, was succeeded as School Physician by Dr. Charles T. O'Brien, who entered at once upon the active performance of his duties. The lines of work followed are those detailed in preceding reports and required by State law and the rules of the Committee.

The School Physician visits each school once a month and also when called by the teacher. He also examines each pupil at least once a year. Dr. O'Brien has made 75 visits thus far this year ,and has made rapid progress in the personal examinations required, having examined 1598 pupils to date.

The Principals are often uncertain as to what course of action they should follow regarding the exclusion from school of pupils having some of the less contagious diseases, and also regarding the exclusion of pupils living in the family or in the same house with those who have been excluded on account of a contagious disease. There is also some difficulty in knowing just when and on what conditions pupils may be re-admitted who have had contagious diseases, or are members of a household that has been exposed to the disease. To meet this situation a list is being prepared, including all the common diseases and giving in the case of each specific directions and suggestions for the guidance of the Principals.

Eye and Ear Tests.

The annual tests of sight and hearing were made as usual by the teachers. Two hundred forty-three pupils were found to be defective in sight, and fifty-three in hearing. Two hundred forty-three notices were sent to parents, informing them of the defects that were serious enough to need their attention. The following table gives the results of the tests in detail.

School	Number of pupils	Defective in vision	Defective in hearing	Notices to parents
Cedar St.	64	1	1	2
Cummings	372	51	1	45
Goodyear	244	12	6	14
Hanson	230	30	10	31
High	433	38	22	40
Highland	183	6	—	6
Johnson	160	8	3	7
Lawrence	176	6	—	6

Morse St.	84	7	—	7
Parker	33	5	—	3
Plympton	270	15	2	17
Rumford	327	32	3	31
Union St.	170	14	2	15
Wyman	177	18	3	19
Totals	2923	243	53	243

Conclusion.

In concluding this report, may I summarize briefly a few general recommendations?

Our school plant, as a whole, with its fourteen buildings, valued, with land and equipment, at approximately half a million dollars, will compare favorably with that of other communities of our population and financial resources. The ordinary repairs necessarily amount to several thousand dollars a year, but, if the plant is to be kept up to date, some improvements should be provided for each year in addition to the expenditure for repairs. Of the larger improvements that are desirable, the purchase of a pump and receiver for the heating plant of the High School, the installation of a new heating and ventilating system at Morse St., and the thorough modernizing of the Hanson may well receive the attention of the Board.

The course of study for the elementary schools may be revised in several respects with advantage and new outlines furnished to the teachers. This should be done with the co-operation of the principals and teachers and with a view to making the course as attractive and effective and as responsive to modern demands as the funds available will permit. On one hand there is the demand for an enriched course, a broadened outlook, and a comprehensive deveploment of all the powers and interests of the pupils, and, on the other hand, it must not be forgotten that one of the main functions of the lower schools

is to teach, and teach thoroughly, the common school arts of reading, writing, and arithmetic. As a result of the many diverse demands upon the time available for instruction, the course of study must necessarily be a compromise, aiming to select such topics and methods as will provide for a thorough drill in the essentials, give a widened outlook and right ideals, and develop independence and right habits of study.

Industrial education has now become a part of the established policy of the Commonwealth. A number of communities have established industrial schools, the State bearing one half the expense. Provisions have also been made by which pupils from any community may attend the industrial schools of other communities. The whole subject of industrial education and the situation arising from its rapid spread in the State may well receive the careful consideration of the Committee, with a view to determining in what ways and to what extent the Woburn schools should participate in the movement.

Respectfully submitted,

George I. Clapp,

Superintendent of Schools.

Woburn, Mass., Dec. 26, 1911.

TRUANT OFFICER'S REPORT

Number of children under 5 years of age	1575
Number of children between 5 and 15 years of age	3649
Number of children between 15 and 16 years of age	325
Number of children under 16 years of age	5489
Number of cases of absence investigated at request of teachers	250
Number found to be truants	20
Number arrested and tried for truancy	2
Number sentenced to Reform School	0
Number placed on probation	2
Number of factory visits	80
Number of age and schooling certificates issued	75

THOMAS MULKEEN,
Truant Officer.

GENERAL STATISTICS FOR THE SCHOOL YEAR 1910–1911.

Population of Woburn, census of 1910	15,308
Assessors' valuation of the city, 1910	$11,561,370
Number of schoolhouses	14
Value of school buildings and land	$423,050

TEACHERS IN THE DAY SCHOOLS.

Number of high school teachers	13
Number of primary and grammar school teachers	59
Number of special teachers	2
Total number of teachers	74

PUPILS IN DAY SCHOOLS

Number of pupils enrolled under 5 years of age	10
Number of pupils enrolled over 15 years of age	418
Number of pupils between 7 and 14 years of age	1967
Total number of pupils	3090
Average daily membership	2888
Average daily attendance	2712
Per cent of daily attendance	93
Number of cases of tardiness	1896
Number of pupils not absent or tardy	275
Number of cases of corporal punishment	159
Number of graduates from the grammar schools	142
Number of graduates from the High School	64

SCHOOL CENSUS, SEPTEMBER 1, 1911.

Number of children between 5 and 15 years of age:	
Boys, 1899; girls, 1750; total	3649
Number of children between 7 and 14 years of age:	
Boys, 1431; girls, 1289; total	2720
Number of illiterate minors over 14 years of age:	
Boys, 14; girls, 0; total	14

TABLE I

SCHOOLHOUSES

	First Occupied	Enlarged	Classrooms Occupied	Classrooms Unoccupied	Assembly Halls	Sittings	Square Feet in Lot	Value of Lot	Value of Building	Value of Building and Land	Material	Heating System
Cedar Street ...	1874	—	2	—	—	86	26,037	$500	3,500	4,000	Wood	Furnace
Cummings	1874	—	8	—	1	401	40,976	4,100	60,000	64,100	Brick	Hot air*
Goodyear	1874	1898	6	—	1	284	24,000	500	18,000	18,500	Wood	Hot air
Hanson	1855	1873	5	2	1	237	19,571	5,000	40,000	45,000	Brick & Wood	Steam
High	1907	—	12	1	1	431	†	20,000	130,000	150,000	Brick	Hot air*
Highland	1891	—	4	—	—	198	33,325	3,300	15,000	18,300	Wood	Hot air
Johnson	1860	1875	4	—	—	170	18,000	500	12,000	12,500	Wood	Hot air
Lawrence	1871	—	4	—	—	198	21,886	2,500	10,000	12,500	Wood	Hot air
Morse Street	1851	1865	2	—	—	97	9,737	400	2,400	2,800	Wood	Hot air
Parker	1895	—	2	—	—	65	43,311	250	6,500	6,750	Wood	Hot air
Plympton	1860	1870	6	—	—	290	30,900	3,100	17,000	20,100	Wood	Hot air
Rumford	1876	1895	8	—	—	342	21,780	1,000	28,000	29,000	Wood	Hot air
Union Street ...	1867	—	4	—	—	206	28,156	2,500	10,000	12,500	Wood	Hot air
Wyman	1892	—	4	—	—	188	21,027	2,000	25,000	27,000	Brick	Hot air
			71	3	4	3193		45,650	$377,400	$423,050		

*Supplementary direct steam
†34.69 acres

TABLE II.

TOTAL MEMBERSHIP, ETC., FOR THE SCHOOL YEAR 1910-1911, WITH FIVE-YEAR COMPARISON

	Enrolment			Average Membership	Average Attendance	Average Per cent of Attendance	Not Absent or Tardy	Tardiness	Corporal Punishment
	Boys	Girls	Total						
Cedar Street	51	24	75	73.27	68.93	94.17	3	11	—
Cummings	237	154	391	364.94	350.62	95.82	68	30	26
Goodyear	128	118	246	233.48	218.85	93.57	27	157	12
Hanson	127	118	245	225.91	212.07	93.73	9	361	14
High	196	233	429	397.97	383.63	96.42	48	192	—
Highland	98	99	197	181.74	170.81	93.68	21	31	12
Johnson	90	77	167	152.14	140.87	93.05	15	71	—
Lawrence	100	100	200	192.21	180.18	93.74	23	250	3
Morse Street	50	33	83	82.34	75.54	91.45	2	66	2
Parker	18	16	34	29.11	24.44	83.25	1	174	5
Plympton	177	115	292	277.57	259.95	93.60	17	146	29
Rumford	169	181	350	312.17	281.90	90.14	6	293	49
Union Street	103	100	203	190.78	179.52	94.10	17	72	—
Wyman	89	89	178	174.65	164.87	94.48	18	42	7
Total for 1910-'11	1633	1457	3090	2888.28	2712.18	93.09	275	1896	159
Total for 1909-'10	1691	1473	3164	2947.84	2768.20	93.11	233	1611	170
Total for 1908-'09	1639	1419	3058	2901.44	2745.74	94.63	345	1431	161
Total for 1907-'08	1652	1383	3035	2846.46	2661.16	93.49	248	1750	138
Total for 1906-'07	1640	1327	2967	2738.13	2559.21	92.38	226	1611	154

TABLE III

SEPTEMBER ENROLMENT BY GRADES, WITH FIVE-YEAR COMPARISON

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	Sp.	Gr.	Tot''s
Cedar Street	16	11	8	11	9	7	5	—	—	—	—	—	—	—	—	67
Cummings	—	—	—	—	81	62	99	82	45	—	—	—	—	—	—	369
Goodyear	34	32	21	47	36	26	26	20	7	—	—	—	—	—	—	249
Hanson	—	—	—	—	—	—	71	98	64	—	—	—	—	—	—	233
High	—	—	—	—	—	—	—	—	—	139	102	78	94	10	8	431
Highland	35	30	34	34	24	24	—	—	—	—	—	—	—	—	—	181
Johnson	27	25	27	16	15	13	11	25	—	—	—	—	—	—	—	159
Lawrence	53	38	37	48	—	—	—	—	—	—	—	—	—	—	—	176
Morse Street	28	17	21	18	—	—	—	—	—	—	—	—	—	—	—	84
Parker	6	3	5	1	3	7	4	2	1	—	—	—	—	—	—	32
Plympton	48	42	34	24	77	64	—	—	—	—	—	—	—	—	—	289
Rumford	50	38	42	45	42	47	32	25	9	—	—	—	—	—	—	330
Union Street	49	39	43	40	—	—	—	—	—	—	—	—	—	—	—	171
Wyman	21	20	26	19	27	22	18	26	—	—	—	—	—	—	—	179
Total September 1911	367	295	298	303	314	272	266	278	126	139	102	78	94	10	8	2950
Total September 1910	374	314	320	332	304	295	317	223	133	138	100	114	66	7	11	3048
Total September 1909	388	339	359	290	312	359	292	218	137	142	124	87	52	10	3	3112
Total September 1908	371	329	313	313	348	314	271	205	123	192	98	60	40	7	6	2990
Total September 1907	411	316	320	362	300	281	267	218	148	118	75	49	52	6	1	2924

TABLE IV

NUMBEROF DIFFERENT PUPILS OF DIFFERENT AGES IN SEPTEMBER, 1911, WITH THREE YEAR COMPARISON

	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Tot	Av age
I	11	220	105	24	6	1	—	—	—	1	—	—	—	1	—	—	—	—	369	5–11
II	—	4	121	110	31	8	5	2	—	1	—	—	—	—	—	—	—	—	282	7—1
III	—	—	4	143	96	31	13	6	3	2	—	—	—	—	—	—	—	—	298	8–2
IV	—	—	—	7	124	77	51	29	12	5	—	—	—	—	—	—	—	—	305	9–5
V	—	—	—	—	23	112	87	45	27	11	9	—	—	—	—	—	—	—	314	10–3
VI	—	—	—	—	—	13	83	90	42	29	15	2	—	1	—	—	—	—	275	11–8
VII	—	—	—	—	—	—	8	76	76	58	31	12	4	—	—	—	—	—	265	12–6
VIII	—	—	—	—	—	—	—	14	70	89	63	27	12	3	—	—	—	—	278	13–7
IX	—	—	—	—	—	—	—	—	4	23	47	43	7	2	—	—	—	—	126	14–3
X	—	—	—	—	—	—	—	—	2	20	57	37	15	5	3	—	—	—	139	15–0
XI	—	—	—	—	—	—	—	—	—	3	20	30	30	16	3	—	—	—	102	15–11
XII	—	—	—	—	—	—	—	—	—	—	2	18	15	30	24	1	3	—	78	16–8
XIII	—	—	—	—	—	—	—	—	—	—	1	5	27	26	23	11	1	—	94	17–6
Sp.	—	—	—	—	—	—	—	—	—	—	—	1	3	3	1	1	—	1	10	17–7
Gr.	—		—	—	—	—	—	—	—	—	—	—	—	5	3	—	—	—	8	17–11
Totals 1911	11	224	230	284	280	242	247	262	236	242	245	175	128	86	34	15	1	1	2943	
Totals 1910	4	228	270	282	264	267	290	245	248	274	237	177	123	78	34	13	1	0	3035	
Totals 1909	16	256	284	263	260	298	272	270	295	272	227	169	129	62	25	10	3	0	3111	

TEACHERS AND SCHOOLS, DECEMBER, 1911.

Name	School	Grades	Beginning of Service	Salary
Margrette F. Mulkeen	Cedar St.	IV, V, VI, and VII	Sept., 1904	$662.50
Katherine V. Corry	Cedar St.	I, II, and III	Dec., 1907	580.00
John B. Hoag	Cummings	IX	Nov., 1895	1,500.00
Mary E. Hevey	Cummings	VIII	Sept., 1872	650.00
Margaret E. Kerrigan	Cummings	VIII	Nov., 1909	650.00
Nellie L. Sheehan	Cummings	VII	Sept., 1881	650.00
Alice M. Grammer	Cummings	VII	Sept., 1879	650.00
Jennie E. Gallagher	Cummings	VI	Jan., 1895	650.00
Josephine M. Mulkeen	Cummings	V and VI	Sept., 1902	650.00
Catherine E. McCormick	Cummings	V	Sept., 1898	650.00
Henry A. Henshaw	Goodyear	VII, VIII, and IX	Sept., 1892	1,100.00
Annie M. Henshaw	Goodyear	VI and VII	Sept., 1882	650.00
Mary E. McPartlin	Goodyear	IV and V	Sept., 1901	650.00
Helen E. McDermott	Goodyear	III and IV	Sept., 1911	450.00
Annie C. Naven	Goodyear	II, and III	May., 1894	600.00
Bertha B. Smith	Goodyear	I	Sept., 1904	600.00
Royal R. Giles	Hanson	IX	May, 1910	1,000.00
Bertha M. Dean	Hanson	VIII and IX	Mar., 1910	650.00
Caroline P. Long	Hanson	VIII	Sept., 1903	650.00
Marjorie E. Doherty	Hanson	VII and VIII	Sept., 1910	600.00
Florence M. Kennedy	Hanson	VII	Sept., 1907	650.00
George W. Low	High	X–XIII	Sept., 1906	2,000.00
Orel M. Bean	High		Sept., 1910	1,100.00
Bertha M. Sellar	High		Sept., 1894	800.00
Sarah S. Waterman	High		Sept., 1894	800.00
Mary D. Prior	High		Nov., 1895	800.00
Lela C. Murdock	High		Sept., 1902	800.00
Beatrice A. Grant	High		Sept., 1901	800.00
Nellie Hammond	High		Oct., 1905	800.00
Charlotte R. Lowell	High		Sept., 1907	800.00
Margaret M. Burnap	High		Sept., 1908	800.00
Katherine D. Barker	High		Sept., 1909	600.00
Elva A. Caldwell	High		Sept., 1909	525.00
Esther Bean	High		Oct., 1910	450.00
Belle H. Bachelder	Highland	V and VI	Sept., 1901	700.00
Marietta H. Bowers	Highland	III and IV	Mar., 1868	650.00
Annie B. Seeley	Highland	II and III	Apr., 1892	600.00
Florence I. Ferguson	Highland	I	Sept., 1904	600.00
Marietta Larkin	Johnson	VII and VIII	Oct., 1887	712.50
Mary C. Breslin	Johnson	V and VI	Mar., 1905	550.00
Margaret E. Hearn	Johnson	III and IV	Sept., 1904	650.00
Mary L. Corry	Johnson	I and II	Sept., 1911	400.00
Emma F. Fowle	Lawrence	IV	Sept., 1875	687.50
Elizabeth P. Ingalls	Lawrence	III	Mar., 1871	600.00
Edith L. Flagg	Lawrence	II	Sept., 1888	600.00
Abbie H. Allen	Lawrence	I	Sept., 1896	600.00
Mary C. Goode	Morse St.	III and IV	Sept., 1892	662.50

TEACHERS AND SCHOOLS, DECEMBER, 1911—Continued

Name	School	Grade	Beginning of Service	Salary
Abbie L. Blake	Morse St.	I and II	Sept., 1879	600.00
Susan M. Frye	Parker	IV to IX	Sept., 1882	662.50
Celia R. Mahern	Parker	I, II, and III	Oct., 1910	500.00
Dora T. Hyde	Plympton	VI	Sept., 1889	750.00
Anne F. Caulfield	Plympton	V and VI	Sept., 1887	650.00
Mary D. Caulfield	Plympton	V	Dec., 1897	650.00
Ada B. Dorr	Plympton	III and IV	Sept., 1907	650.00
Bertha W. Tidd	Plympton	II and III	Sept., 1896	600.00
Edith M. Estabrook	Plympton	I	Sept., 1902	600.00
George B. Whitney	Rumford	VIII and IX	Mar., 1906	1,400.00
Anna A. Scanlon	Rumford	VII	Oct., 1911	400.00
Amanda Sevrens	Rumford	VI	Mar., 1873	650.00
Bessie Leighton	Rumford	V	Jan., 1911	600.00
Edith E. Gott	Rumford	IV	Sept., 1908	650.00
Blanche L. Blackburn	Rumford	III	Sept., 1908	600.00
Florence L. Eaton	Rumford	II	Dec., 1905	600.00
Florence E. Parkhurst	Rumford	I	Sept., 1910	550.00
M. Emily Perkins	Union St	IV	Sept., 1890	687.50
Mary J. Wakeford	Union St	III	Mar., 1877	600.00
Florence E. Barrett	Union St	II	Sept., 1881	600.00
Dora J. Leathe	Union St	I	Sept., 1904	600.00
Bertha W. Bryant	Wyman	VII and VIII	Sept., 1899	712.50
Katherine E. Tracy	Wyman	V and VI	Sept., 1911	550.00
Edia D. Brackett	Wyman	III and IV	Oct., 1909	650.00
Susan W. Robbins	Wyman	I and II	Feb., 1898	600.00
Ellen H. Bartlett	Music	I–XIII	Sept., 1908	700.00
Frances Walley	Drawing	I–XIII	Sept., 1911	700.00
John M. Portal	Mil. Drill	X–XIII	Sept., 1911	250.00

JANITORS

Name	School	Beginning of Service	Salary
Frank W. Chapman	Cedar Street	May 1901	150.00
Frank E. Tracy	Cummings	July 1894	675.00
Thomas Sheerin	Goodyear	June 1899	450.00
Timothy E. Keating	Hanson and Wyman	April 1906	750.00
Charles A. Webber	High	Mar., 1907	1,000.00
Patrick H. Maguire	Highland and Lawrence	Nov., 1900	600.00
William A. Lynch	Johnson	Sept., 1907	300.00
Frederick W. Bosworth	Morse Street	Dec., 1903	150.00
Theodore L. Pierce	Parker	April 1895	150.00
John H. Crosby	Plympton and Union	Sept., 1907	750.00
William D. Grammer	Rumford	May 1905	600.00

CHANGES IN THE TEACHING FORCE, 1911.

Resignations.

Margaret E. Reade, Cummings, June 27, 1911.
Katherine T. Larkin, Goodyear, June 27, 1911.
Mabel E. Patten, Rumford, June 27, 1911.
Harriet B. Frye, Wyman, June 27, 1911.
Marion F. Bond, Supervisor of Drawing, July 25, 1911.

Appointments.

Helen E. McDemott, Goodyear, Sept. 7, 1911.
Mary L. Corry, Johnson, Sept. 7, 1911.
Anna M. Scanlon, Rumford, Oct. 5, 1911.
Katherine E. Tracy, Wyman, Sept. 7, 1911.
Frances Walley, Supervisor of Drawing, Sept. 28, 1911.

Transfers.

Mary C. Breslin, Johnson, Grades I. and II. to V. and VI., Sept. 7, 1911.
Josephine M. Mulkeen, Johnson to Cummings, Sept. 7, 1911.

Leave of Absence.

Mabel E. Patten, Rumford, Sept. 8, 1910 to June 27, 1911.
Harriet B. Frye, Wyman, Nov. 30, 1910, to June 27, 1911.

Temporary Teachers.

Florence E. Parkhurst, Rumford, Sept. 8, 1910, to June 27, 1911.
Annie B. Marion, Wyman, Dec. 5, 1910 to May 26, 1911.
Olive Giles, Wyman, May 29, 1911 to June 27, 1911.

Pupil Teachers.

Leo Hogan, Music, Feb. 28, 1911 to June 27, 1911.

COURSES OF STUDY

WOBURN HIGH SCHOOL

YR		COLLEGE PREP.	GENERAL	LATIN—SCIENTIFIC	BUSINESS
I	Required	English History Latin Algebra Music	English History Music	English History Latin Algebra Music	English History Business Practice Business Forms Science Music
	Elective	Drawing	Drawing Choose two: Latin Algebra Science	Drawing	
II	Required	English History Latin French Geometry Music	English History Music	English History Latin French Geometry Music	English History Bookkeeeping Stenography Typewriting Music
	Elective	Drawing	Drawing Choose two: Latin French Geometry Science	Drawing	Science French

Course of Study, Woburn High School—*Continued*

Required	English Latin French German Algebra	English History	English History German French Algebra Physics	English History Bookkeeping Stenography Typewriting
III				
Elective	Drawing Music History Physics	Drawing Music Choose two: Latin French German Algebra Physics	Drawing Music	Music Physics French German
Required	English Latin French German Geometry	English History and Government	English French German Geometry Solid Geom.	English History and Gov. Bookkeeeping, Commercial Law, and Commercial Geog. Stenography Typewriting
IV				
Elective	Drawing Music Chemistry	Drawing Music Choose two: Latin French German Geometry Chemistry Lib'ry Science	Drawing Music Chemistry	Music Chemistry French German

HIGH SCHOOL GRADUATION PROGRAM

Lyceum Hall, June 28, 1911.

1. "Call to Arms" ..... School Orchestra
2. Salutatory ..... Aileen A. Hagerty
3. " 'Tis Morn" ..... School Chorus
4. Address ..... Frank Poole Johnson, '89
5. "Bridal Chorus" ..... School Chorus and Orchestra
6. Valedictory ..... Agnes R. Proudfoot
7. Presentation of Diplomas ..... Hon. Hugh D. Murray
8. Class Song
9. "On the Move" ..... School Orchestra

HONOR PUPILS.

In Order of Rank for the Four Years' Course.

Agnes R. Proudfoot—English, Latin, Algebra, Geometry, French, German.
Walter H. Fowle—English, History, Bookkeeping, Science B.
Aileen A. Hagerty—English, Latin, Geometry, French, German.
Ellen W. Banwell—English, Latin, Algebra, French, German.
Margaret W. Connolly—English, History, Bookkeeping, Stenography.
Florence V. Kee—English, Latin, French, German.
Ethel M. Frizzel—Latin, Algebra, Geometry, French.
Margery Blake—English, History.
Ethel W. Conn—Latin, Algebra.
Helen M. Sweeney—Bookkeeping, Stenography.
Agnes E. Akeson—Stenography.
Elizabeth L. Garrity—English, Stenography.
Marion E. Lord—Bookkeeping.
Nellie J. Walsh—Stenography.
Partick H. Tenney—History.

LIBRARY OF THE UNIVERSITY OF ILLINOIS

GRADUATES, JUNE, 1911.

High School.

Classical Course.

Ellen Walcott Banwell
Ethel Winslow Conn
Dorothy Beatrice Foster
Ethel May Frizzel
Aileen Alberta Hagerty
Harry Albert Lindmark
Harold Gardner Marion
Agnes Robert Proudfoot
Clifton Earl Sylvester

General Course.

Agnes Elina Akeson
Eldredge DeLoriea Atwood
Mary Magdalene Beattie
Margery Blake
Veva Claire Boyden
Nellie Frances Carroll
Dominica Frances Collins
Ellen Elizabeth Connolly
Margaret Mary Connolly
Frank James Crocker
Edward Alton Crosby
Arthur Elliot DeLoriea
Ellen Anastasia Doherty
Christopher Driscoll
Margaret Elizabeth Duggan
Charles Edward Finnegan
Thad Victor Foster
Ruth Evelyn Fountain
Walter Harrison Fowle
John Edward Fox
Elizabeth Lillian Garrity
Dorothy Irene Gould
William Doyle Hagerty
Mary Lydia Hopkinson
William Edward Kane
Florence Victoria Kee
John Patrick Kenney
Nellie Josephine Kenney
William James Kerrigan
Mildred Ethelyn Knapp
Marion Evelyn Lord
Mary Elizabeth Lynch
Mae Veronica McGowan
Rose Veronica McGownan
Henry Leonard Marion
James William Marrinan
Frank Edwin Murphy
James Bradford Murray
James Edward Murray
Mary Elizabeth Murray
Waldo Emerson Northrup
Alice Jane Paige
Edward Flint Poole
Josephine Frances Roche
Charlotte Blanche Scrivens
Mary Ethel Sullivan
Helen Marie Sweeney
Patrick Hugh Tenney
Horace Trull
Cecilia Ella Turner
Alice Adele Walsh
Emma Walsh
Nellie Josephine Walsh
Eva Claudine Ward
Charlotte Evelyn Watts

Cummings School.

Grade IX.

Margaret Theresa Bane
John Xystus Beattie
Jennie Benjaminson
Mildred Florence Beohner
Clifford Choate Blaisdell
Abraham Samuel Brown
Fritz Edgar Erlandson
Patrick Joseph Flaherty
Bertha Lois Frizzell
Benjamin Goldberg
Leon Daniel Gott
Margaret Hennelly
Harold Joseph Hennelly
Alice May Hoskins
John Ryan Joyce
Marguerite Mary Leydon
Annie Dow Lynch
Madeline MacDonald
Hattie May Macfarlane
Maud Regina MacNeill
Esther Justin Madsen
Rose Isabel Maguire
Leo George McDermott
Cornelius Joseph McGonigle
Sidney Wallace Buckman
Doris Marguerite Buckman
Lewis Richard Burnes
John Joseph Callahan
Grace Madeline Crosby
Sarah Theresa Degman
Margaret Theresa McGowan
Charles Edward McGowan
Arthur James McIntire
Peter Patrick McLaughlin
Margaret Helen McPartlin
Marian Noyes Moore
William Charles Murphy
Margaret Veronica O'Connor
Constantine O'Doherty
James Edward Pender
Martha Winnifred Peterson
Thomas Michael Sharry
Mary Shaughnessey
Mary Elizabeth Shea
Frank Eric Soles
Idella Ahmetta Wallace
Marguerite Louise Winn
Mary Yanovitz

GRADE VIII.

James Edward Begley
Chester Immanuel Johnson
Elizabeth Mahoney
James Anthony Mawn
Thomas James Mohan
Edith Elvira Olson

Goodyear School.

Grade IX.

Helen Frances Haley
James Arthur McAvoy
Mary Elizabeth McDermott
Gordon Kenneth Shattuck
Edward Patrick Walsh

Grade VIII.

Annie Lapuck

Hanson School.

Grade IX.

Paulina Adelene Airey
Marion Amanda Black
Evelyn Buckman
Charles Clarke
Anastasia Charlotte Connolly
Helen Mary Cosgrove
Inez Elizabeth Davis
Eunice Josephine Doherty
Jeremiah Charles Donovan
Margaret Isabel Dunkley
Dorothy Everett Foss
Sarah Eleanor Flagg
Olive Anna Fowley
Gladys Marie Sherburne
Robert Boody Sherburne
Cyril George Silver
Helen Wilhemina Smith
Beatrice Spillsbury
Samuel Harold Sternberg
Einar Harcld Stockholm
Susan Louise Hogan
Dora Gilbert
Mankin Nellie Greeno
John James Hamilton
Joseph Alexander McKay
Florence May Moody
Gerald Moreland
William Henry Murphy
Rose Paine
William Leslie Reddy
Nellie Marie Regan
Louise Gertrude Roche
George Gerald Scalley
Harold Robinson Scott
Forest Edward Madsen
Mary Frances McGovern
Esther Irene Stowers
John Henry Tirrell
John Henry Trainor
Jennie Laura Turner
Serena Beaton Yates
Lewis Stuart Young

Grade VIII.

Minnie Ida Aronson
Huldah Josephine Anderson
Angelo Joseph Crovo
Margaret Gertrude Fitzgerald
Muriel Elizabeth Fultz
Charles William Maloney
Veronica Lillian Murray
Bernice Maud Page
Lillian Pearl Pike
Hubert Quinn
Jack Fuller Hyde
John Schenck
Esther Elizabeth Mickels

Johnson School.

Grade IX.

Ruth Elizabeth Davenport
Helen Veronica Doherty
Petencie Gothfrida Froburg
William Andrew Greenan
Henry Joseph Mooney
Charles Patrick Murphy

Grade VIII.

Gertrude Callahan
Marion Josephine Madden

Parker School.

Grade IX.

Winnifred Agnes Healy
Angelo Ross

Grade VIII.

William Lester Diamomd
Maynard Chant Trenholm

Rumford School.

Grade IX.

Ralph Parkhurst Bowers
Peter Anthony Brogna
Jennie Emmaline Chase
Minnie Frances Colburn
Clarence Sawyer Eaton
John Henry Grant
James Bernard Hartnett
Josephine Lillian Manzie
Catherine Felicitas O'Neil
Fannie Snider
William Patrick Sullivan
Edmond Joseph Veno
George William Weiss

Grade VIII.

Mildred Irene Arnold

Wyman School.

Grade VIII.

Isabel Brooks
Marion Wallace

TIDD SCHOLARSHIP AWARDS

June 28, 1911.

High School—Forty dollars each
Margaret Mary Connolly
Patrick Hugh Tenney

June 27, 1911.

Rumford School—Twenty dollars each
Josephine Lillian Manzie
Ralph Parkhurst Bowers

PUPILS NOT ABSENT OR TARDY DURING THE SCHOOL YEAR. 1910–1911.

Cedar Street School.

Henry Paul Benoit
Fred Carbonneau
Winn Russell

Cummings School.

James Edward Begley
Clifford Choate Blaisdell
Edith Augusta Bryant
Mary Burke
James Caniff
Catherine Collins
John Roger Coursey
Martin Degman
Margaret M. Devi ne
John Joseph Doherty
Eleanor Dolan
William John Duggan
Fritz E. Erlandson
John Finnegan
Helen Elizabeth Fountain
Edward John Foley
Patrick Joseph Flaherty
Helen Theresa Freelan
John Hugh Gallagher
Edward Manson Gates
Grace Elizabeth Hennelly
Harold Joseph Hennelly
Margaret Hennelly
Alice May Hoskins
Chester Immanuel Johnson
Daniel Leo Joyce
George William Madsen
Francis Dennis Mawn
James Anthony Mawn
Francis McCafferty
Edward Hugh McElhinney
Hugh McElhinney
Marietta McDonald
Madeline McDonald
Coleman Abraham McFarlane
Cornelius Joseph McGonigle
Margaret Theresa McGowan
Marguerite MacKenzie
Thomas James Mohan
Marian Noyes Moore
Aden Murphy
Marie Murphy
Constantine O'Doherty
Hugh Joseph O'Doherty
Fred Rufus Patterson
George Harry Peterson
Martha Winnifred Peterson
Mabel Eleanor Ring
John Sharry
Thomas Michael Sharry
John James Smullen
Mary Shaughnessey

John Ryan Joyce
Margaret Kerrigan
Edward James Kirk
John Lester
Mary Leydon
Waldo George Lord
Annie Dow Lynch
Esther Justin Madsen
Frank Eric Soles
Mary Sullivan
Iver Fridolph Swenson
Hubert Tracy
Howard Arthur Wallace
Marion Frances Wallace
Charles Chester Weafer
Frank Woods

Goodyear School.

Florence Edna Bowman
John Boyle
Agnes Marion Christenson
Harold Edward Christenson
Annie Elizabeth Connell
Gertrude McAvoy
James Arthur McAvoy
Regina McDonough
Frank Michael McGarry
James McGarry
John Patrick McGarry
Ruth McGowan
Thomas Leo McMahan
Madeline Anna Hooper
Samuel Thompson Hooper
Viola Katharyn Hooper
John Bernard Kane
Anna McAvoy
William Edward Mulrenan
George Henry Pope
Lillius M. Proctor
Elizabeth Gertrude Reagan
Frank Edmond Reagan
James William Reagan
Charles George Turgiss
Alfred Leo White
Madeline White

Hanson School.

Wigo Alfred Andersen
Henry Joseph Carbonneau
Joseph Frederick Foley
Ruth Elizabeth Jones
William Henry Lovelace
Charles William Maloney
Edna Marie Murray
Ruth Elizabeth Nichols
Esther Irene Stowers

High School.

Olive Sabina Barnum
Malcolm Blodgett
Harry Jones
Martin Joseph Kelley

Philip Lee Brackett
Lillian Christina Brauer
Jennie Barnard Buck
John Richard Burke
Clara Elizabeth Burwell
Arthur Alfred Carter
Gertrude Anna Clement
Agnes Gertrude Connolly
Margaret May Connolly
Carlton Miles Dean
Annie Louise Doherty
Daniel Joseph Doherty
Ellen Anastasia Doherty
Beatrice Letitia Dinsmore
Catherine Agnes Duran
Frank Joseph Farrey
Irene Ivella Foster
Thad Victor Foster
Elizabeth Lillian Garrity
Sabina G. Garvey
Robert Erwin Gilloghie
Walter Ellsworth Hooper
Mark Henry Kerrigan
Everett Turner Lord
Edward John McDonough
John Joseph McEleney
Mae Veronica McGowan
John Joseph Mead
Gertrude May Murch
Alice Russell Nichols
Kenneth LeRoi Northrup
Waldo Emerson Northrup
Martin Lawrence Reddy
Albert Francis Roulo
Mary Louise Sharry
William Haven Sherburne
Harold Roger Shinquin
Elwyn Carlton Stewart
Harold Joseph Tracy
Horace Trull
Raymond Addison Twining
Gretchen Richardson Van Tassel
Christavena Vidito
Eva Claudine Ward

Highland School.

May Gladys Callahan
Margaret Ann Callahan
James Doherty
Leo Barry Flynn
Stephen James Flynn
Grace Fountain
Alice Mathews
Mary Alice McCafferty
Charles Francis McGowan
Harry Peterson
Carl Reinhold Forsberg
Arthur Joseph Govostes
Francis Govostes
Sarah Harkins
Ruth Millington Lord
Edla Viola Lundquist
Robert Peterson
Charles John Riley
Margaret Riley
William Albert Scribner

Johnson School.

May Eleanor Brown
John Joseph Canney
Hugh Francis Carney
Nicola Delaquilla
Leo Francis Doherty
Albert Gerard Geary
Frederic Stephens Geary
Harold Hammond
Willard Hammond
Dora May Madden
Edward Anthony Madden
Albert O'Doherty
Margaret Alexandria Ogg
Nellie Gray Ogg
Patrick Shepphard

Lawrence School.

Ellen Caroline Elizabeth Anderson
Daniel Joseph Collins
Helen Marie Collins
Ozilda Louise Cote
Mary Elizabeth Coursey
Della Flaherty
Elizabeth Flaherty
Ralph Thomas Harkins
John Ambrose Kane
Frederick Henry Kirk
Marguerite Patricia Lynch
Frank Maguire
John Joseph McDonough
Ruth May McGowan
William Harvey McKenzie
Cornelius McPartlin
John Timothy Mohan
James Hugh O'Donnell
Louise Anna Reil
William Edward Rooney
Margaret Beatrice Sharry
William Sharry
Mary Ethel Turner

Morse Street School.

Raymond M. Leslie
George Parsons Swift

Parker School.

John Nelson Doherty

Plympton School.

Viola Mary Cole
Marion Estelle Connolly
Fred Joseph Connors
Milford Herschel Davis
John Leo Doherty
Maud Margaret Eaton
Elina Matilda Johnson
Eleanor McElroy Jones
Mary Adeline Jones
Marion Champney Leslie
Francis Luke McDermott
Josephine Catherine McDermott
Bernard McDonough
Sidney Milley Price
Thomas Patricia Salmon
Alma Marion Turner
Ida May Wells

Rumford School.

Mildred Irene Arnold
John Doherty
Dorothy Veronica Morgan
Isabel Louise Patterson
Alfred Leslie Studley
Mabel Evelyn Thompson

Union Street School.

Carl Christain Anderson
Frank Joseph Brown
Verna Ruth Fowlkes
George Theodore Govostes
Elizabeth Jones
Edward William Lafferty
Edwin James Lord
Anna Mary Murphy
Charles Murphy
Thomas Murphy
Margaret McDonough
Leo Quinn
James Charles Shaughnessey
Constance Smith
Leo William Sullivan
Frederic James White

Wyman School.

Ruth Irene Bemis
Charles Marshall Blanchard
George Matthew Boviard
James Thomas Boviard
Margaret Boviard
Edward Leroy Cummings
Eleanor Ruth Cummings
Laura Elizabeth Durward
Mildred Louise Everberg
James Warren Graham
Gladys Allegra Groves
Walter Haskett Robinton
Ida Elizabeth Somerville
Stuart Hulburt Somerville
Mildred Marion Schurig
Eleanor Whitman Stevens
Gordon Frederick Sudsbury
Charles Frederick Towse

TWENTY-SEVENTH ANNUAL REPORT

OF THE

TRUSTEES

OF THE

WOBURN PUBLIC LIBRARY

For the Year Ending December 31, 1911

BEING THE FIFTY-FIFTH ANNUAL
REPORT OF THE INSTITUTION

THE NEWS PRINT, WOBURN, MASS.
1912

BOARD OF TRUSTEES OF WOBURN PUBLIC LIBRARY.

EDWARD F. JOHNSON, President.
JOHN G. MAGUIRE, Clerk.

PETER A. CAULFIELD — JAMES J. KEEGAN
WILLIAM F. DAVIS — HENRY C. PARKER
HERBERT B. DOW — JOHN O. RAY
FRANK B. RICHARDSON

Committee on Library and Art.

FRANK B. RICHARDSON
PETER A. CAULFIELD — WILLIAM F. DAVIS
HERBERT B. DOW — JAMES J. KEEGAN

Committee on Building and Grounds.

JAMES J. KEEGAN
JOHN G. MAGUIRE — HENRY C. PARKER

Committee on Finance.

HERBERT B. DOW
JOHN O. RAY — FRANK B. RICHARDSON

Report of Trustees of Woburn Public Library

Gentlemen of the City Council:—

The Board of Trustees of the Woburn Public Library herewith submit a report for the year ending December 31, 1911. This report is the 27th Annual Report since the incorporation of the library, May 29, 1885, and the 55th Annual Report since it was begun as a Town Library, August 20, 1856.

It is provided in Chap. 273, Acts of 1885, incorporating the Woburn Public Library, that the Trustees "shall annually make a report to the town of their doings." The Librarian's report, which is transmitted herewith, will give the City Council and the people of Woburn a full account of the "doings" for the past year, and contains more than sufficient to meet the requirements of the provisions of the above act. The Librarian has so well covered the field of accomplishment during the year that little remains to be added. It is hoped that those interested in our library will read his report in full.

It is particularly gratifying to learn that the circulation for 1911, which was 60,867, was the largest, with one exception, in the history of the library. As compared with the year 1910, there was an increased circulation for each month of the year, and a total gain in circulation of over seventeen per cent. for the full year. In the Children's Department there was a gain of thirty-one per cent. in circulation during the year, and the work of reorganization in this department is now complete and its condition up-to-date. The recommendation of the Librarian that the Children's Department be removed to the octagon, for reasons which he has fully set forth in his report, will receive the consideration of the Board during the year.

Other features of the Librarian's report to which attention

is directed is his reference to the work done by Mr. Cutter in preparing a history of the library, and the great success of the new system of lighting which was installed on April 1, 1910. This change of system has not only given much better illumination, but has shown in its first full year of operation a saving of forty per cent.

Beginning with January 1, 1910, the Librarian has kept a a tabulation showing the apportionment of money expended for different purposes, such as Salaries, Lighting, Heating, Book-purchases, etc. This tabulation for the two years, 1910 and 1911 will be found in Appendix 1 of the Librarian's report and offers some interesting comparisons. As this tabulation is kept up by months, it is easy at all times to ascertain just how our accounts stand with any item of expense.

During the year some of the City of Woburn bonds in the trust fund matured, and the Board authorized its Finance Committee to reinvest the money represented by the principal of these bomds. The Committee in purchasing new bonds, while acting conservatively, reinvested in those which yield better than the four per cent. of our city bonds. It has been the policy in past years to keep the funds invested almost exclusively in our own city bonds. While in doing this the safety of the investment was absolutely secured, the revenue has been small. In fact an examination of our income account shows that our trust funds as a whole, for the past three years, have yielded even less than four per cent. As our investment funds are not taxable, there would seem to be no valid reason why we can not obtain a somewhat larger return without jeopardizing the principal of the funds. Our trust funds now amount to nearly $53,000. and an extra yield of even one-half of one per cent. would mean an added yearly income of $265. Added revenue means more money available for book purchases and more money for book binding, and these are the two principal factors which make for an increase in circulation, which in turn is a measure of the usefulness of the library to the public. The Board feels warranted, therefore, in making

these changes of investment so far as it can be done on conservative business principles.

The Board was disappointed in not receiving from the City Council in 1911 an extra appropriation of $1000 for Library Maintenance. Assurance was given us in 1909 that extra appropriations would be made as required for the work of reorganization of the library, but our application appears to have been made too late to secure this appropriation in 1911, and it was necessary to transfer $860 from the C. B. Winn Trust to Library Maintenance in order to pay bills properly chargeable to the Maintenance account. This transfer is permissible under the terms of the C. B. Winn Trust, but it is hoped that the City Council will give us sufficient funds in 1912 to make good to the trust fund the money thus taken from it.

We take pleasure in expressing to the Librarian and staff our appreciation of the competent service they have rendered during the past year.

EDWARD F. JOHNSON, President,
JOHN G. MAGUIRE, Clerk,
PETER A. CAULFIELD,
WILLIAM F. DAVIS,
HERBERT B. DOW,
JAMES J. KEEGAN,
HENRY C. PARKER,
JOHN O. RAY,
FRANK B. RICHARDSON.

LIBRARY MAINTENANCE ACCOUNT

Balance, January 1, 1911	$9 61
Received from the City of Woburn, Appropriation dog tax	1,118 98
Received from the City of Woburn, Appropriation	4,000 00
Received from the City of Woburn, Disc. on water rates refunded	1 55
Received for fines	148 79
Received from the C. B. Winn Trust	860 00
	$6,138 93
Paid on orders of trustees	6,134 73
Balance to new account	$ 4 20

EXPENDED.

Andrews Print, printing	$35 90
Bay State Mop Co., mops	75
Chivers Book Binding Co., binders	16 25
Cummings, Chute & Co., wood and coal	317 50
Cutter, William R., services	1,200 00
Daniels, John H. & Son, book plates and labels	25 00
Edison Electric Illuminating Co., lighting	174 80
Emerson & Co., rubber stamps	1 40
Evans, George H., services	1,350 00
Evans, George H., petty expense account	156 38
Fowle, George E., labor	17 50
Globe Stamp Works, rubber dates	2 05
Greenleaf, May B., services	313 00
Hart & Co., express	11 70
Kennedy, Grace M., services	25 73
Library Bureau, cards	55 80
McGovern, James F., services	600 00

Maguire Frank W., insurance	345 03
Marshall, Son & Co., supplies	1 85
Moore, Thos., & Co., salt	65
N. E. Tel. & Tel. Co., telephone	28 27
Preston, Edgar W., wiring and electric fan	16 75
Robbins, George B., disinfectant	6 75
Stretton, W. G., repairs	10 30
Taylor's Express, express	3 90
Tidd, B. Hazel, services	583 34
Tracy, Frank E., services	23 06
Underwood Typewriter Co., repairs	1 40
Wallace, Ethel A., services	339 84
Ward, Samuel Co., sundries	2 45
Whitcomb, Alice J., services	371 02
White, R. H. Co., towels	1 50
Woburn, City of, water rates	30 60
Woburn, City of, street watering	6 96
Woburn Five Cents Savings Bank, box rent	10 00
Woburn Gas Light Co., lighting and mantles	16 62
Woburn Hardware Co., sundries	29 03
Woburn Machine Co., repairs	1 65
Total	$6,134 73

LIBRARY TRUST FUNDS

Charles B. Winn Trust.

Balance, January 1, 1911	$45,643 54
Received interest;	
Atchison, Topeka & Santa Fe R. R. bonds	200 00
American Telephone & Telegraph Co. bonds	200 00
City of Woburn bonds	1,024 00
Florida East Coast Railway Co. bonds	14 62
Woburn Five Cents Savings Bank	2 59
Rent of land	5 00
Rent of house	45 80
	$47,135 55
Paid on orders of trustees	5,392 88
Balance to new account	$41,742 67

EXPENDED.

De Wolfe & Fiske Co., books	$57 19
Fitzgerald, Hubbard & Co., commission	1 88
Fitzgerald, Hubbard & Co., accrued interest	11 68
Lee, Higginson & Co., accrued interest	61 77
Wilson, H. W. Co., subscriptions	15 00
Woburn Journal, subscription	1 50
Transferred to Maintenance Account	860 00
Transferred to Timothy Winn Trust Fund	8 86
Defaulted bonds, Vaughn Machine Co.	4,375 00
	$5,392 88

Invested as follows:

American Tel. & Tel. Co., bonds, 4s	$4,975 00
Atchison, Topeka & Santa Fe Railroad bonds, 4s	5,000 00
Western Telephone Co., bonds 5s	492 50
American Tel. & Tel. Co. bonds, 4s	902 50
Southern Railway Co. bonds, 4s	797 50
United Fruit Co. bonds, 4 1-2s	965 00
Illinois Steel Co. bonds 4 1-2s	952 50
Seattle Electric Co. bonds, 5s	975 00
New Orleans Terminal Co. bonds, 4s	882 50
American Tel. & Tel. Co. bonds, 4s	915 00
Florida East Coast Railway bonds, 4 1-2s	975 00
City of Woburn bonds:	
Soldiers' Monument Loan, 1902	300 00
Municipal Loan, 1904	3,000 00
Highway Loan 1904	500 00
Water Loan, 1906	1,000 00
Sewer Loan, 1908, Reg.	1,500 00
Sewer Loan, 1908, Reg.	300 00
Sidewalk and Edgestone Loan, 1908	500 00
Water Loan, No. 1, 1909, Reg.	5,000 00
Municipal Loan, 1910	9,000 00
Playground Loan, 1909	500 00
Highway Loan, No. 2, 1904	500 00
Woburn National Bank	1,602 24
Woburn Five Cents Savings Bank	207 93
	$41,742 67

Bowen Buckman Trust.

Balance January 1, 1911	$511 19
Received interest City of Woburn bond	20 00
Received interest Woburn Five Cents Savings Bank	44
	$531 63
Paid on orders of trustees	31 30
Balance to new account	$500 33

EXPENDED

De Wofe & Fiske Co., books	$30 38
Topsfield Historical Society, book	92
	$31 30

Invested as follows:	
City of Woburn, Playground Loan, 1907 bond	$500 00
Deposit Woburn National Bank	33
	$500 33

Timothy Winn Trust

Balance January 1, 1911	$3,116 83
Received interest, Cleveland, Lorain, & Wheeling R. R. bonds	150 00
Received interest, Woburn Five Cents Savings Bank	3 08
Transferred from Charles B. Winn Trust Fund	8 86
	$3,278 77
Paid on order of trustees	278 77
Balance to new account	$3,000 00

EXPENDED.

American Historical Association, dues	$3 00
Appleton, Robert Co., books	28 80
Clarke, W. B. Co., books	1 25
Danner, W. M. Jr., binder	1 00
De Wolfe & Fiske Co., books	209 28
Houghton, Mifflin Co., books	40
Libbie, C. F. & Co., broadsides	50
Old Corner Book Store, books	4 95
Pearson & Marsh, books	15 75
Schoenhoff Book Co., books	90
Slater, W. H. repairs	12 02
Topsfield Historical Society, book	92
Total	$278 77

Invested as follows:	
Cleveland, Lorain & Wheeling, R. R. bonds, 5s,	$3,000 00

J. B. Winn Trust.

Balance, January 1, 1911	$3,842 66
Received interest, Cleveland, Lorain & Wheeling R. R. bonds	100 00
Received interest, City of Woburn bonds	72 00
Received interest, Woburn Five Cents Savings Bank	1 73
	$4,016 39
Paid on orders of trustees	1,438 43
	$2,577 96

EXPENDED.

A. L. A. Publishing Board, subscription	$1 00
American Library Association, dues	5 00
Appleton, D. & Co., books	3 50
Appleton, Robert Co., books	16 00
Cambridge University Press, encyclopedia	123 25
Chivers Bookbinding Co., binding	189 14
Clarke, W. B. Co., books	5 33
De Wolfe & Fiske Co., books	549 51
Elm Tree Press, books	1 35
Evans, George H., books	2 25
Evening News Co., reports	16 80
Facey, Charles W., binding	10 76
Four Seas Press, books	1 06
Gibbs, William, book	2 50
Greydon, Frank W., repairs	16 14
Hammett, J. L. Co., book	1 13
Huntting, H. R. Co., books	33 41
Jordan, Marsh Co., fire screen	26 00
Libbie, C. F. & Co., books	17 00
Library Bureau, cards	1 50
New England Historic Genealogical Society, Register	3 00
New England News Co., periodicals	29 80
Old Corner Book Store, books	27 36
Prince Society, book	5 00
Roberts Numbering Machine Co., repairs	1 55
Scribner's Magazine, subscription	2 25
Standard Extinguisher Co., fire extinguishers	20 00
Topsfield Historical Society, book	95
Wells, L. A., binding	285 20
Wilson, H. W. Co., binding	1 50
Woburn Journal, subscription	1 50
Woburn Machine Co., grates	22 25
Young Folks' Educational League, book	15 44
Total	$1,438 43

Invested as follows:

Cleveland, Lorain, & Wheeling R. R. bonds, 5s,	$2,000 00
City of Woburn, Highway Loan, 1904, 4s	500 00
Deposit Woburn National Bank	77 96
	$2,577 96

John Clough Trust.

Balance, January 1, 1911	$5,084 81
Received interest, City of Woburn bonds	200 00
Received interest, Woburn Five Cents Savings bank	20
	$5,285 01
Paid on order of trustees	284 56
Balance to new account	$5,000 45

EXPENDED.

De Wolfe & Fiske Co., books	$49 55
Elm Tree Press, pamphlet	35
Evans, George H., traveling expenses, N. Y. Lib. convention	21 65
Goodspeed's Bookshop, pamphlet	2 00
Greenough, W. A. & Co., book	3 00
New England News Co., periodicals	101 95
Wells, L. A., binding	65 42
Whitcher, A. W. ,book	3 00
Woburn Machine Co., repairs	37 64
	$284 56

Invested as follows

City of Woburn, Water Loan, 1906 bond 4s	$1,000 00
New High School Loan, 1907 bond, 4s .	1,000 00
Water Loan, 1909 bond, 4s, ...	3,000 00
Deposit Woburn National Bank.....	45
	$5,000 45

JOHN G. MAGUIRE, Clerk.

THIRTY-THIRD ANNUAL REPORT

OF THE

LIBRARIAN

OF THE

WOBURN PUBLIC LIBRARY

For the Year Ending December 31, 1911

To which is appended Rules for the Guidance of the Staff.

THE NEWS PRINT, WOBURN, MASS
1912

EMPLOYEES OF THE WOBURN PUBLIC LIBRARY DURING 1911.

Librarian

GEORGE HILL EVANS

Librarian Emeritus

WILLIAM R. CUTTER

Children's Librarian

B. HAZEL TIDD

Junior Assistants

*MAY B. GREENLEAF
ETHEL A. WALLACE
ALICE J. WHITCOMB

Apprentice

GRACE M. KENNEDY

Janitor

JAMES F. McGOVERN

*Resigned October 20.

REPORT OF THE LIBRARIAN.

To the Board of Trustees:

Members of the present Board who were serving in October, 1909, will doubtless recall that in conference with them regarding proposed changes the Librarian advocated as a first essential various re-arrangements of the interior of the building, and the addition of some special equipment. The necessary expenditure for these purposes involved a temporary retrenchment along other lines, notably that of book purchase. In the latter respect it was felt that with so excellent a collection of books already in its possession, the library could very well afford a brief period of economy. Expectation of a decrease in the circulation was freely admitted, while the hope was expressed of a speedy, healthy, and permanent reaction, as soon as the new measures should become effective. In his report for 1910 the Librarian said: "The work of this first year has been essentially that of clearing the ground and laying the foundations on which the future is to build. Such work is not spectacular, most of it never apparent to the superficial observer, but upon its foresight and thoroughness depends much of the effectiveness of that done in after years."

Expectations have been fulfilled in every particular. As was foreseen, the circulation for 1910 showed a slight decline from the figures of the previous year. With the beginning of 1911 the hoped-for reaction made its appearance, and during every succeeding month has been continuously and vigorously felt. Each month has shown advance over the corresponding period of the year before, and it is therefore possible to record a gain of over 17 per cent, with a total figure of 60,867.

It is unfortunate that the nature of library work is such that

there is no tangible way of indicating to those interested in its progress some of its most important aspects. Possibly its most useful work, certainly its most indispensable, can never be made a matter of record. If there were no free library, the novel reading public could still go to the circulating library, as so many do, and find its requirements met at moderate cost. Of this work, perhaps the least important, we revel in statistics. Without the library, its willing staff of public servants, and its store of ready reference information, the pupil in school, the individual student of serious questions, the busy professional man, the active worker in any line, would be seriously handicapped. It is a matter for regret that there is no means of measuring the amount of service which the library does the community in aiding the ambitious, in placing its resources at the command of the productive worker, in training the children of the less favored in ideals of public decorum, civic duties and privileges, and in opening to them glimpses of an intellectual world and a way out of deadly mediocrity or worse. These aspects of the work do not lend themselves to figures. They are written into the community in terms of economics, citizenship, and personality, and their results are felt in cumulating returns of bettered social conditions which can scarcely ever be traced or credited to their true source.

The Staff.

The passing of the year again reminds us that the personnel of the staff is a constantly changing factor, and emphasizes the importance of established traditions and ideals of service which may be handed down by the veterans to the incoming recruits. The optimistic spirit of harmony, cheerfulness, diligence and loyalty which pervades the staff is gratifying, and augurs well for the future.

From time to time, as seemed expedient, staff meetings have been held, at which various subjects of live interest to the staff have been discussed.

On June 1, Miss Ethel A. Wallace, having satisfactorily

completed a full term as apprentice, was appointed on recommendation of the Librarian to the position of Junior Assistant.

On October 20, Miss May B. Greenleaf resigned from the position of Junior Assistant to be married. By her resignation the library lost an assistant whose loyal devotion and genial personality have been missed alike by staff and public.

On November 1, Miss Grace M. Kennedy was enrolled in the apprentice training class to fit herself for assistant.

Rules for the Guidance of the Staff.

During a series of meetings last winter and spring the Committee on Library and Art worked in conjunction with the Librarian to reduce to systematic form the administrative procedure of the Library. Upon recommendation of the committee, the resulting code, under title of "Rules for the Guidance of the Staff," was formally adopted by the full Board at the meeting May 2, 1911. Definite and specific instructions on all points of practice are now available. The purpose of these rules is to indicate the methods best approved by experience, and to secure complete uniformity of practice. The public may, therefore, understand that requirements respecting library practice or privilege are not subject to the whim of any individual, but are carefully prescribed, and no personal element can influence their application. These rules may be found appended to this report.

Vacation Loans.

For the first time the experiment of special vacation loans was tried during the months, June to September, inclusive. As this plan has met with general approval, and many borrowers have availed themselves of the privilege, it may be accepted as a permanent extension. Very few abuses were noted, and such slight administrative defects as the experience of the first season revealed will be easily remedied.

Requirements for Library Service.

A significant step in the direction of increased efficiency has been the adoption of definite requirements of training, experience, and physical and intellectual qualifications, both for direct appointments to positions on the staff, and for candidates for the apprentice training course. These standards will be considered a minimum test to which all candidates must conform. It is hoped by this policy to maintain a higher and more uniform standard of efficiency, and to prevent the impression that personal considerations may influence the selection of any individual. The rules governing this phase of the service are commended to the attention of prospective candidates.

The Apprentice Training Course.

The apprentice system now two years in operation, has justified itself as the most practicable method of making available the services of the untrained worker. Some such system is necessary as long as it is deemed a proper policy to recruit the staff from local applicants. At the same time it must not be forgotten that no library can expect to maintain a standard of work now recognized as satisfactory, without the leavening influence of one or more assistants of broad technical instruction, and an experience more than merely local. This principle needs frequent emphasis to avoid the tendency towards provincialism which prevails inversely as the size of the town, and its distance from a metropolis.

Vacations and Leaves of Absence.

Among other important matters regulated by the rules before referred to is the question of vacations and leaves of absence. The work of a library assistant is peculiar in its re-

quirements and in its practice, and can not be easily compared with other occupations. The educational preparation exceeds that required for the average clerkship, not to mention standards of good breeding. That libraries sometimes ignore this in their selections does not alter the fact. It simply means that in such cases the library either educates the assistant by a slow and expensive process, or that it forces its public to accept service below par. The teacher, with whom the nearest comparison lies, receives a vacation well known for its long duration. Between this position and that of a clerkship lies the usual vacation assignment of the library assistant. The leading, progressive institutions of the country are fairly well agreed in granting one month. This library in extending its vacation from two to three weeks has therefore taken a step in the right direction.

In the matter of sick leave the library has generously recognized its obligations toward faithful servants, but at the same time has set a limit which forestalls the necessity for special action that might seem unsympathetic or pointed in a particular case.

Children's Department.

The Children's Department has shown a gain of 31 per cent. during the year. The work of re-organization is complete, and all accumulations of unfinished work of former years have been cleaned up.

The department is now face to face with the alternative courses of an unaggressive maintenance of its present status, or of expansion to its unrealized but obvious possibilities. We believe that the present policy of the library permits but one answer to that question. Sufficient support for current needs is assured. The directive force for such extension is at our command. The problem, then, is one of housing only. This we are confident is easy of solution.

Of children below High school grade, able to read, there are

now registered about one third. This number can, and ought to be, greatly increased. Accommodations, however, are inadequate for present needs, and the overflow from the children's tables is crowding out or seriously annoying adult readers. Relief from this condition is fortunately available. After careful study of the situation the Librarian and the Children's Librarian concur in the following measures, which they urgently recommend for immediate consideration:

(a) Removal of the natural history collection to another part of the building, and the utilization of the octagon for library purposes by its conversion into a children's room. Wall space is available for as many books as the department will ever need, with plenty of bulletin room. The present seating capacity will be considerably increased, with generous overflow room toward the art gallery on crowded days. The location of the room is particularly adapted for separation of the children at the point of entrance.

(b) The restoration of the main room to its original purpose as a general reading and reference room. The seating capacity for adult readers will then be doubled, and this, together with the elimination of the confusion incident to the natural restlessness of children, will undoubtedly attract many readers who now use the library infrequently or not at all.

(c) The assembling upon the shelves of the reading room of the general reference works, and files of bound periodicals, now in widely separated parts of the building. Periodicals will then be available on demand for circulation, or for use with indexes for reference. Valuable reference books will be used in the presence of the desk assistant, with lessened tendency to loss or mutilation. The general collection will also gain an additional alcove upon the main floor.

Classification and Cataloguing.

The work of re-classifying and re-cataloguing has steadily progressed. As was expected, the number of volumes done

during the year is less than last year. This is due to two reasons; namely, the 17 per cent. increase in the regular work of the library, and the fact that the simple classes of fiction and biography first undertaken have been succeeded by work which is far more exacting. We are now able to record a total of nearly 13,000 volumes completed. The plan of selection of books for this work has been so well adapted to its purpose that the compact working collection thus formed is by far the most used portion of the library. In a special report on this subject, made to the Board two years ago, the Librarian ventured the prediction "that by the time the work is one half done we shall be in the position of having a compact, well-rounded, working library of live books." The conservatism of this forecast is shown by the fact that with one quarter of the library completed, this portion is now drawn upon for over 95 per cent. of the actual circulation.

Relations With the High School.

Co-operation with the High School has become closer and more effective. 480 books have been borrowed for use at the school during the year. Several permanent lists of collateral reading courses are kept on file, and books required may be promptly set aside in the library, or sent to the High school, as the teacher prefers. The Librarian has given three talks to the pupils on subjects relating to books and the library. The English department maintains at the library a considerable list of standard books recommended for pupils' reading. The experiment is now being tried of allowing a teacher, at her discretion, to lend books over night. Thus far no difficulties have been encountered.

A slight change in the arrangement of the alcove room, and the adoption of a few simple rules of order for its use by students, has resulted in greatly improved decorum.

Woman's Club List.

The Woman's club, through one of its committees, has prepared a carefully selected reading list, primarily for the use of its members, but incidentally for the benefit of any who may desire to consult it. The following subjects are included: English Fiction, American Fiction, Education, Art, Conservation, Civics and Domestic Science.

County Fair.

On the occasion of the County Fair in aid of the Hospital, last June, Miss Tidd was allowed the necessary time to manage the children's exhibit. Her considerable and well planned executive work in connection with the Mother Goose parade may be considered the library's contribution to this successful enterprise in aid of a worthy charity.

Attendance at Conventions.

The Massachusetts Library club has had four members from this library in the past year, and all have had opportunities to attend meetings. In addition to meetings of this club, the Librarian has attended the annual convention of the New York State Association, which, in conjunction with the local clubs, met in New York City the last week in September. The renewal of zest and enthusiasm coming from contact with numerous members of the profession, the opportunity to make comparisons with the work of other institutions, the clarifying of old problems and the attacking of new ones, the fresh view points of other minds;—all these are stimulating, helpful in the maintenance of proper standards, and well worth the comparatively small outlay. The progressive and generous policy of the Board in this respect is appreciated.

The Children's Librarian has regularly attended the bi-

monthly conferences of Children's Librarians conducted by Miss Jordan of the Boston Public Library. This library takes occasion to express its appreciation of Miss Jordan's services in promoting the best ideals of the work among the smaller libraries of this vicinity.

History of the Library.

At the request of the Librarian Mr. Cutter has carefully collected and arranged all that is known of the history of the library. This includes an account of its founding and subsequent annals, its collections of various sorts, buildings, grounds and other properties, lists of all persons connected with the library in their respective capacities of trustee, librarian, or assistant, and a great many other facts and statistics of general interest. This complete and valuable record, which would be difficult, if not impossible to secure in any other way, has been possible through Mr. Cutter's comprehensive and accurate knowledge of local history, and long connection with the library.

The New Lighting System.

On April 1 the new system of lighting completed its first year of service, and the results of the comparison with previous cost of maintainance seems worthy of recording. Its efficiency has been apparent to all.

Cost of electric service, 1909–1910	$292 43	
Cost of electric service, 1910–1911	187 38	
Saving		$105 05
Cost of gas service, 1909–1910	$42 84	
Cost of gas service, 1910–1911	12 32	
Saving		$30 52
Total saving		$135 57

This is a saving of 40 per cent. and is 32 per cent. of the cost of installing.

It will be recalled that when the wiring was done the plan contemplated ultimate extension to other parts of the building, and the Librarian feels that this purpose should be carried out as soon as feasible, notably in the octagon room.

Fire Protection.

The addition of three chemical fire extinguishers now provides two on the main floor, and one each on the second floor and in the basement. Two exit signs have been posted in conformity with law.

Acknowledgments.

In submitting the foregoing summary of the work of the year the Librarian desires to record his appreciation of the support and co-operation of the Trustees, and the unswerving loyalty and faithfulness of the library staff.

Respectfully submitted,

GEORGE HILL EVANS, Librarian.

APPENDIX I.

STATISTICS.

Circulation for 1911 by Classes and Months.

CLASS	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Cir. by classes
General Works.	293	319	291	247	231	214	232	173	290	282	232	295	3099
Philosophy.....	15	26	17	18	6	11	9	12	10	17	10	8	159
Religion.....	53	50	62	52	25	31	24	29	36	26	30	30	448
Sociology.....	81	60	71	60	64	53	54	61	63	88	106	156	917
Philology.....	0	0	0	0	0	0	0	3	1	0	5	1	10
Natural Science	47	40	68	83	50	38	31	43	44	26	36	52	558
Useful Arts....	91	80	93	86	55	53	53	92	70	59	83	75	890
Fine Arts.....	89	82	99	95	63	52	69	59	63	78	81	122	952
Literature	149	106	196	187	176	104	118	106	87	141	164	204	1738
History.....	213	158	177	96	114	74	60	47	86	193	168	268	1654
Travel.....	136	103	121	95	110	74	82	70	76	77	102	116	1162
Biography.....	232	210	195	134	132	100	100	87	131	175	143	238	1877
Adult Fiction ..	2690	2762	3251	2845	2506	2541	2698	2548	2745	2762	2858	2924	33130
Juvenile Fiction	1311	1315	1669	1206	908	900	1051	963	791	1062	1529	1568	14273
Tot'l Circulation by months....	5400	5311	6310	5204	4440	4245	4581	4293	4493	4986	5547	6053	60867

Included in the above tabulation:

Juvenile non-fiction	4737
Books lent on Teachers' cards	197
Books lent to schools	480
Books lent in Traveling libraries	338

Additional Statistics of Circulation:

Number of Traveling Libraries lent	12
Number of contagious diseases reported by Board of Health	102
Number of borrowers' cards withheld on this account	31
Number of borrowers registered during 1911	713
Total number registered borrowers	3142

Accessions and Cataloguing.

Number of books purchased	1,178
Number of books given	59
Increase by binding pamphlets	2
Increase by exchange	5
Increase by binding periodicals	2
Number of pamphlets given (exclusive of periodicals)	2,067
Total number of books and pamphlets added	3,313
Duplicates included in the above figures	175
Number of donors of books and pamphlets	202
Estimated number of books in the library	50,736
Number of books bound in 1911	1,471
Number of books in the new catalogue, Dec. 31,1911	12,004
Number of cards in the new catalogue, Dec. 31, 1911	35,578
Number of books withdrawn from the library	2,350

Classified List of Books in the New Catalogue.

Name of Class	Adult Books	Juvenile Books	Total
General Works	200	28	228
Philosophy	26	7	33
Religion	56	43	99
Sociology	234	60	294
Philology	31	9	40
Natural Science	22	76	98
Useful Arts	92	68	160
Fine Arts	69	86	155
Literature	663	133	796
History	891	90	981
Travel and Description	211	116	327
Biography	2,289	151	2,440
Adult Fiction	5,153		5,153
Juvenile Fiction		1,200	1,200
Total	9,937	2,067	12,004

Included in the above figures:

Juvenile non-fiction	867
Reference books	515
Duplicates	1,001

Periodicals.

Number of periodicals regularly given	27
Number of periodicals subscribed for	92
Total number of periodicals regularly received	119
Number of bulletins regularly received from libraries or other institutions	25

Other facts derived from the statistics.

Average per capita circulation among registered borrowers	19
Average per capita circulation for total population	4
Per cent. of population registered as borrowers	20
Per cent. of fiction circulated	77
Per cent. of juvenile books circulated	31

Financial.

Apportionment of expenditures, 1910 and 1911.

Purpose	1910	1911
Salaries	$4,471 54	$4,805 99
Lighting	238 30	189 92
Heating	314 15	317 50
Telephone	29 66	28 27
Insurance	405 64	345 03
Water rates	39 11	37 56
Book purchase	762 63	1,279 08
Book binding	133 70	486 62
Periodicals	239 55	156
Supplies	289 97	179 88
Equipment	1,154 60	60
Repairs and alterations	556 42	126 05
Petty expense account	221 17	172 63
Miscellaneous	51 21	56 95
	$8,907 65	$8,241 48

List of Books and Pamphlets received in 1911.

Donor	Vols.	Pamph.
Abbott Public Library, Marblehead, Mass.		1
Adams, J. W., Cold-Spring-on-the-Hudson, N.Y.	1	
Adriance Memorial Lib. Poughkeepsie, N. Y.		1
Amer. Assoc. for Labor Legislation, N. Y. City		4
Amer. School of Correspondence, Chicago, Ill.		1
Amherst College, Amherst, Mass.		1
Ancient and Honorable Artillery Company of Massachusetts, Boston, Mass.		1
Andover (Mass.) Memorial Hall Library		1
Anonymous		1
Archer, G. L., Woburn, Mass.	1	
Assoc. for International Conciliation		35
Assoc. of Amer. Agricultural colleges and stations		1
Assoc. of Life Insurance Presidents		4
Atlantic Monthly		1
Baker & Co., Walter		1
Barnes, E. N. C.	1	
Benton, J. H.		1
Beverly (Mass.) Public Library		1
Bigelow Free Public Library, Clinton, Mass.		1
Blodgett, W. E., Woburn, Mass.		1
Bodleian Library, Oxford, Eng.		1
Boise (Idaho) High School		1
Bookwalter, J. W., New Rochelle, N. Y.	1	
Boston & Maine Railroad		1
Boston (Mass.) Cemetery department		1
Boston (Mass.) City registry department	1	
Boston, (Mass.) College		1
Boston (Mass.) Latin school association	1	
Boston, (Mass.) Public Library		1
Bourne, jr., Jonathan, Oregon		5
Bowdoin College, Brunswick, Me.,		3

Donor	Vols.	Pamph
Bradford-Durfee textile school, Fall River, Mass		1
Brookline (Mass.) Public Library		3
Brooklyn (N. Y.) Public Library		2
Burrows Bros., Cleveland, O.		1
Cambridge (Mass.) Public Library		1
Cambridge (Eng.) university press		1
Cameron, T. G.		1
Carnegie Hero Fund, Pittsburgh, Pa.		1
Carnegie Technical schools, Pittsburgh, Pa.		1
Carter, G. H., Winchester, Mass.	1	
Chamberlain Medicine Co.		23
Chandler, H. P., Boston, Mass.		1
Chelsea (Mass.) Public Library		1
Chicago (Ill.) school of civics and philosophy		2
Clapp, Geo. L., Woburn, Mass.		1
Commercial Club, Belleville, Ill.		1
Concord (Mass.) Free Public Library		1
Connecticut State geological and natural history survey		3
Coolidge, A. C., Worcester, Mass.		2
Dartmouth college, Hanover, N. H.		1
Deborah Cook Sayles Public Library, Pawtucket, R. I.		1
Deming & Rogers Pub. Co., Boston, Mass.	1	
Depew, Chauncey M.		2
Deutsche Bank, New York City		1
Drew Theological Seminary		1
Farnsworth, E. C.		1
Fletcher Public Library, Burlington, Vt.		1
Forbes Library, Northhampton, Mass.		1
General Theological seminary, Boston, Mass.		1
Gettemy, Charles F., Boston, Mass.		1
G. A. R., Department of Mass.	1	
Grand Rapids (Mich.) public library		1
Green, Dr. S. A. Boston, Mass.		7

Donor	Vols.	Pamph.
Groton, (Mass.) Public Library		1
HarvardUniversity, Cambridge, Mass.		1
Haverhill (Mass.) public library		2
Hildreth, Dr. J. L.		1
Holmes, Rev. J. H., New York City		1
Hubbard, W. L., London, Eng.		1
Indian Rights Association		1
Jersey City (N. J.) Free Public Library		1
John Hay Library, Providence, R. I.		1
Johnson, Edward F., Woburn, Mass.		3
Johnson, Jasper		1
Jones, W. B., Woburn, Mass.		1
Joseph Dixon Crucible Co., Jersey City, N. J.	1	
Kipton, D. M., Wichita, Kan.		1
Lake Mohonk (N. Y.) Conference		2
Lewis, J. B., Boston, Mass.	1	
Loring, Arthur G., Woburn, Mass.		1
Los Angeles (Cal.) Public Library		2
Lowell Textile School, Lowell, Mass.		1
Lynn (Mass.) Public Library		1
McClurg, A. C. & Co., Chicago, Ill.	1	
Manchester (N. H.) City Library		1
Massachusetts Acting Chief of Ordnance	1	
Massachusetts Agricultural College, Amherst, Mass.,		2
Mass. Agricultural Experiment Station	1	11
Mass. Assoc. Opposed to the Further Extension of Suffrage to Women	1	
Mass. Bureau of Statistics	1	22
Mass. District Police	1	
Mass. Institute of Technology		2
Massachusetts Legislature	3	
Mass. Nautical Training School		111
Mass. Secretary of State's Office	25	1
Mass. Trustees of Public Reservation		1

Donor	Vols.	Pamph
Middlebury College, Middlebury, Vt.		1
Milwaukee (Wis.) Public Library		1
Minneapolis (Minn.) Board of Park Commissioners		2
Minneapolis (Minn.) Public Library		2
Mitchell, Mr. E. F., Boston, Mass.	1	
Morse Institute Library, Natick, Mass.		1
Museum of Fine Arts, Boston, Mass.		1
National Business League of America, Chicago,		1
Ill.		1
National Child Labor Committee, New York		1
New Eng. Hist. Genealogical Society		1
New Haven (Conn.) Free Public Library		1
New York City, Department of Parks		1
New York Peace Society		1
New York State Library, Albany, N. Y.	3	
Newark, (N. J.) Free Public Library		1
Newton, (Mass.) Free Library		1
North American Civic League for Immigrants, Boston, Mass.		5
Norton, Rev. S. A., Woburn, Mass.		2
Oakland, (Cal.) Free Library		2
Ohio Archaeological and Historical Society, Columbus, O.		2
Oriental Esoteric Society, Washington, D. C.		3
Osaka Library, Osaka, Japan		1
Paige, J. C., & Co., Boston, Mass.		1
Pan American Union	1	
Parlin Memorial Library, Everett, Mass.		1
Peabody Institute, Danvers, Mass.		1
Peabody Institute, Peabody, Mass.		1
Peoria (Ill.) Public Library		1
Pillsbury, Mr. A. E., Boston, Mass.		2
Pratt Institute Free Library, Brooklyn, N. Y.		1
Providence Athenaeum, Providence, R. I.		1

Donor	Vols.	Pamph
Railway Age Gazette		1
Raymond, G. L., Washington, D. C.	1	
Reed, Thomas Brackett, Memorial Asso., Portland, Me.		1
Robbins Library, Arlington, Mass.,		1
Rourke, L. K., Supt. of Streets, Boston, Mass.	1	
St. Louis (Miss.) Public Library		1
Salem (Mass.) Public Library		1
Shute Memorial Library, Everett, Mass.		1
Soldiers' Home, Chelsea, Mass.		1
Somerville (Mass.) Public Library		1
Springfield (Mass.) City Library Assoc.		1
Stickney, F. W.	1	
Stoneham, (Mass.) Public Library		1
Taunton, (Mass.) Public Library		1
Taylor, C. H., Woburn, Mass.	1	
Testimony Publishing Co., Chicago, Ill.		2
Thompson, Slason, Chicago, Ill.	1	1
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.		1
Tufts College, Medford, Mass.		2
Underhill, Mrs. L. A. W., Brighton, Mass.	3	
U. S. Dept. of Agriculture	4	1167
U. S. Bureau of Education		6
U. S. Census Bureau	1	13
U. S. Coast & Geodetic Survey	1	
U. S. Commissioner of Education	2	
U. S. Commissioner of Labor	3	
U. S. Congress		1
U. S. Dept. of Commerce & Labor	1	323
U. S. Dept. of the Interior		1
U. S. Geological Survey	1	53
U. S. Government Printing Office	1	
U. S. Interstate Commerce Commission	1	
U. S. Library of Congress	4	13

Donor	Vols.	Pamph.
U. S. Naval War Records Office	1	
U. S. Public Health & Marine Hospital Service	3	21
U. S. Smithsonian Institution	16	35
U. S. State Dept.		1
U. S. Supt. of Documents		16
U. S. Treasury Dept.	1	
University of Notre Dame, Notre Dame, Indiana		1
University of Washington, Seattle, Wash.		1
Waldo, Miss Carrie, New Orleans, La.		2
Weltall, Das		1
Westervelt, W. D., Honolulu, Hawaiian Islands	1	
Whitcomb, Mrs. E. C.	4	
Wilmington Institute, Wilmington, Del.		1
Winchester (Mass.) Public Library		1
Winthrop (Mass.) Public Library		1
Woburn Woman's Club, Woburn, Mass.		1
Women's Auxiliary of the Mass. Civil Service Reform Assoc.		4
Worcester (Mass.) Free Public Library		2
Workmen's Compensation Service & Information Bureau, New York		1
World Peace Foundation, Boston, Mass.		1
Wright, Mrs. E. M., Woburn, Mass.	1	
Wright, Henry P., New Haven, Conn.	1	
Yale University, New Haven, Conn.		2

Miscellaneous Gifts.

In addition to the foregoing the library has received the following:

Davis, Charles P., Springfield, Mass., Subscription to "Current Events."

Graves, Dr. Frank W., Woburn, Portrait of Marie Antoinette.

Jones, William B., Woburn, Map of Woburn.

Loring, Arthur G., Woburn, Map of Medford.

Publishers, Subscription to "Church Militant."

Reese, Clayton, W., Saugus, Mass., Petroleum ore.

Warren, William P., Woburn, Section of submarine cable cut by Admiral Dewey in Manilla bay. Nine illustrated mailing envelopes of the Civil war period.

Winthrop Public Library Trustees, Miscellaneous papers and pamphlets relating to Woburn.

Y. M. C. A. State Exec. Com., Subscription to "Two States."

APPENDIX II.

RULES FOR THE GUIDANCE OF THE STAFF OF THE WOBURN PUBLIC LIBRARY.

General Rules

1. The Librarian is the chief executive officer of the library, and all employes of the library are subject to his direction and supervision.

2 The First Assistant is in charge in the absence of the Librarian, and is clothed with all his authority in the enforcement of rules, and in the direction and supervision of work.

3. No special privilege in violation of the regulations of the library, shall be granted to any individual, without special sction of the Board of Trustees.

4. Questions of interpretation of rules by assistants shall be referred to the Liibrarian.

5. Assistants have the right of appeal to the Board of Trustees.

6. Complaints, suggestions, or recommendations, either from members of the staff, or from the public, should be brought promptly to the attention of the Librarian.

7. Assistants should not supply material for publication to reporters, but should refer them to the Librarian.

8. Assistants are not expected to entertain friends, or to transact business, at the library, and should let it be so understood.

9. In case of resignation assistants should, if possible, give a month's notice.

10. All bulletins, lists, and other publications, of the library, and official correspondence, shall bear the heading, "Woburn Public Library."

11. Advertisement of private enterprises through the agency of the library shall not be permitted, except by special action of the Board of Trustees.

Hours of Opening.

12. The library shall be open to the public for reading and the circulation of books on Mondays, Wednesdays, and Fridays, from 9 a. m., till 6 p. m.; on Tuesdays and Thursdays from 9 a. m., till 8 p. m.; and on Saturdays from 9 a. m., till 9 p. m., except legal holidays, and except such occasions as shall be determined by special action of the Board of Trustees, or at the discretion of the President of the Board of Trustees.

Schedules.

13. Each member of the library staff shall work not less than forty-two hours a week, and each individual schedule shall be so arranged by the Librarian as in his judgment best meets the needs of the public service. The schedule shall be subject to revision at the discretion of the Librarian, and shall be posted in a place convenient for reference.

14. Assistants are expected to be ready for work at the time scheduled, and tardiness will be detrimental to an assistant's standing.

Vacations.

15. Members of the staff are allowed a vacation of three weeks in each year with pay. The vacations shall be assigned by the Librarian, and shall be between the first of June and the thirtieth of September, inclusive. If assistants have any preferences as to the time of the vacations, the period preferred shall be stated to the Librarian before the vacation period begins.

16. Assistants shall not be given a vacation until they have been in the library service by regular appointment three months, except by special action.

Leave of Absence.

17. The Librarian may grant leaves of absence with pay, on account of illness, not exceeding thirty days in any one year for each assistant.

18. Reasonable leave of absence with pay will be allowed in case of death in the immediate family.

19. Assistants will be allowed leave of absence to attend conventions or meetings, when in the judgment of the Librarian such brief absence will not cripple the library service. Such allowances shall be made with a due regard for equal consideration of all assistants.

20. The Librarian may at his discretion allow occasional absences of a few hours at a time, to be made up later, as he shall determine.

21. Each assistant shall keep an accurate record of absences and of the time when such absences have been made up.

22. Absences made up as provided in paragraph 20 shall be made up within one month in periods of not less than half an hour.

23. Overtime work in advance will be allowed on make-up for absence, only when the purpose has been so specified in advance. Assistants will not be otherwise allowed to accumulate overtime work, and then claim the right to a leave of-absence on this account.

24. Extended leave-of-absence shall be subject to the action of the Board of Trustees.

25. No leave-of-absence with pay, except as hereinbefore provided, shall be allowed, except by special action of the Board of Trustees.

Apprentices.

26. The library may, as its needs require, accept apprentices for training. Candidates must be able to qualify in the following respects: he or she shall be

(a) not less than eighteen, nor more than thirty-five years of age;

(b) at least a high school graduate, or able to offer a satisfactory equivalent;

(c) of normal health and strength. No candidate will be accepted who is a victim of chronic disease, deformity, disability such as deafness, stammering, etc., or delicacy of health such as to lead to frequent indispositions.

27. The apprentice course shall consist of instruction, collateral reading, and actual work in the various departments of the library, for at least six months.

28. The library does not guarantee a position to any apprentice, but if the work of the apprentice has been satisfactory, she will be considered eligible for an appointment when a vacancy ocurs.

Direct Appointments to the Staff.

29. Applicants for direct appointments to positions on the staff must be able to qualify in the following respects:

I. For appointment to the position of First Assistant, or Children's Librarian, the applicant shall

(a) be not less than twenty, nor more than forty years of age;

(b) have had not less than two years' actual experience in a library of reputable standing;

(c) be able to satisfy the physical requirements specified in paragraph 26, section (c);

II. For appointment to the position of Junior Assistant the applicants shall

(a) be not less than eighteen, nor more than thirty-five years of age;

(b) have had not less than one year's actual experience in a library of reputable standing;

(c) be able to meet the physical requirements specified in paragraph 26, section (c);

provided, also, that in lieu of each year of library experi-

ence above specified, the applicant may, at the discretion of the Board of Trustees, substitute a year of work satisfactorily completed at a regularly established Library School.

Cataloguing.

30. The cataloguing shall be done according to the rules formulated in the code entitled, "Simplified Cataloguing Rules of the Woburn Public Library"

Records.

31. Library handwriting, or printing, or the typewriter shall be used for the following records:

Cataloguing,
Shelf-listing,
Book-cards,
Dating slips,
Borrower's cards,
Applications,
Statistics book,
Bulletins,
Lists for posting, etc.

The Charging Desk.

32. The attendant who is scheduled in charge of the desk is held responsible for its administration during that period. She is expected to keep it and to leave it in an orderly condition. Current work should be complete to the time of turning it over to another assistant, and in case this is impossible, on account of unforseen conditions, she should inform the incoming attendant of whatever work is in arrears.

33. The assistant in charge should at all times keep the desk under supervision, and if unavoidably called away, should leave some one in charge.

34. Each assistant shall have her own individual dating stamp, in which shall be arranged the current date in the order of month, date, and following this, a distinctive initial which shall be assigned by the Librarian for the purpose of identification. The first work of the day shall be to change the date in the stamp, and no assistant shall use the stamp of another assistant.

Cash Receipts and Petty Expenses.

35. A record of all moneys received from fines, reserve cards, telephone calls, lost and damaged books, and miscellaneous sources, shall be kept at the charging desk on the daily statistics sheet.

36. The sum of one dollar will be kept at the charging desk for the purpose of making change. In counting up the receipts for the day this amount should first be counted out and laid aside, and the balance should coincide with the amount of receipts recorded.

37. Current petty expenses should be referred to the Librarian for payment from the Petty Expense fund, but, in case of his absence, necessary current petty expenses, such as express or postage, may be paid from the receipts at the desk, and an account of the transaction made on the daily statistics sheet.

Registration.

38. Applications for borrower's cards shall be signed at the library by the person making the application, except in the following cases:

(a) a wife may sign for a husband, or a husband for a wife.

(b) an application may be sent home for the endorsement of a juvenile application by parent or guardian, or for signature by elderly persons, or invalids.

39. When applications are sent home for signature, as above provided for, the number shall not be assigned until the appli-

cation has been returned. duly and properly filled and signed.

40. Applications of children under fourteen years of age are known as juvenile applications, and require endorsement by parent or other responsible adult.

41. In taking an application the attendant should fill all spaces except that for the signature. As an aid to identification and for mailing purposes, the titles, Mr., Mrs., Miss, and jr., shall be used on all applications and borrower's cards, excepting juveniles which need use jr., only.

42. It is preferable unless the applicant objects, to use the husband's name for the wife, with the prefix, "Mrs.", for example: Mrs. John Doe, rather than Mrs. Mary Doe.

43. The letter "J" shall be placed in the upper left hand corner of all juvenile applications, and at the beginning of the line in the registration book.

44. In case of doubt as to the residence of the applicant at the address given, he shall be informed that a card will be granted him as soon as his address can be verified.

45. To verify an address a messenger may be sent, or if more convenient, a notice may be sent to the address given, stating that the applicant's card is ready and may be obtained by presenting the notice at the library. The fact that he has received the mail will be accepted as sufficient evidence of residence at the given address.

46. Borrower's cards are issued to applicants for a term of three years, at the end of which the application may be renewed or allowed to lapse.

47. Renewal of application will be treated in the same way as a new application, except that

(a) on all applications the former number is to be noted on the back of the blank, i. e., "Former no., 0314";

(b) when a juvenile application is renewed a renewal of the endorsement is not necessary. Instead, note on the back of the blank, "Original appliaction endorsed by....." giving name of the endorser. After renewal the old application and borrower's card are destroyed.

48. Thirty days will be allowed for the renewal of an expired application, during which time the use of the old card will be allowed.

49. No application shall be removed from the file until the term for which it has been issued has expired.

50. A registered holder of a card shall be held responsible for all books drawn upon his card, no matter by whom the card is presented.

51. No book shall be issued to a borrower for use outside the library unless it be charged upon a borrower's card.

52. A borrower may keep possession of his card when not in use, if he desires, but it is recommended that the card be left at the library, where it may be obtained by the holder on request.

53. Borrower's cards when left at the library, and all matter of information, such as fines or damages due, disciplinary action, etc., shall be filed for ready reference with the card holder's application. Such matter shall be filed behind the application.

54. A borrower's card, if lost, will be replaced after the lapse of one week from the time when the holder gives notice of its loss.

55. Duplicate cards issued to replace lost cards shall be marked "Duplicate" in red ink. When the duplicate is issued, note shall be made on the back of the holder's application as follows: "Duplicate issued Ap. 1, 1910."

56. A borrower's card may be withheld temporarily or revoked, for breach of any rule or regulation of the library.

57. When a change of address is reported, the address should be changed on the borrower's card, the application blank, and in the registration book.

Teacher's Cards.

58. The Teacher's card is issued as an aid to teachers employed in the schools of Woburn, and as an additional assistance to those engaged in serious work requiring constant refer-

ence to certain books, and does not confer the privilege of drawing fiction for recreative reading. In no case will recent fiction or current numbers of periodicals be thus lent.

59. Books are lent under this plan with the understanding that they are subject to recall if needed. It is also understood as a condition of the privilege that the borrower will not retain books not actually in use.

60. Books lent on Teacher's cards are lent for one month, and at the end of that period must be accounted for either by return, or by renewal. Books kept beyond the specified time will be subject to fine like other overdue books, and the usual overdue notice will be sent.

61. Books charged on Teacher's cards are for the personal use of the holder of the card. The privileges of the card are not transferable to another person, nor may the card be lent.

62. The Teacher's card shall be kept at the library.

63. When sending by another person for books to be charged on a Teacher's card, it is desirable to give written authorization.

64. When a Teacher's card is issued a note should be made on the back of the holder's application, as follows: "Teacher's card, issued April 1, 1910."

65. The Teacher's card shall bear the same number as the regular borrower's card, with the initial "T" prefixed.

Non-Resident Membership.

66. As a convenience to near-by non-residents who habitually use Woburn as their business or social center the usual privileges of the library may be granted at the discretion of the librarian.

Circulation of Books.

67. The number of books which may be charged on the card of an adult borrower is not limited, except that one only may

be a book of fiction. On the card of a juvenile borrower two books may be charged, only one of which may be a book of fiction.

68. Attendants should instruct visitors to enter and leave on the respective right hand sides of the desk.

69. Books shall be discharged when the borrower enters the room, and charged when he leaves. The attendant in charge of the desk shall make sure that all books carried out past the desk have been charged.

70. If the borrower wishes to read the book, which he is about to return, in the library, it should be first discharged as he enters, and then slipped and returned to him.

71. Except in busy times the books should be slipped as soon as returned, to keep them out of circulation no longer than necessary.

72. In charging care must be taken to make the record clearly legible, and to keep the entries in the proper spaces. No book card nor borrower's card should be used on the reverse side until all spaces on the front have been completely filled.

73. No book shall be exchanged on the same day, except in case of error, but a book may be returned at any time.

74. When a book is returned without the borrower's card on which it is charged the attendant shall enter the author and title, if fiction, or the book number, if non-fiction, the borrower's number, date lent, and date returned, together with any uncollected fine upon the blank card provided for this purpose, (form B. R.), and file the same in the circulation tray in place of the book card.

75. When a borrower's card with an uncancelled charge is presented, with the claim that the book has been returned, the attendant, before cancelling the charge, shall refer to the circulation tray to ascertain whether the book has actually been returned, and if any fine is due thereon.

76. The file of book cards representing the books in circulation shall be arranged according to class and book number,

in the order that they are entered on the daily statistics sheet, except that fiction shall precede the other classes.

77. In counting the circulation each volume of a work in more than one volume is counted, and in charging a book a record is made of each volume separately, but in other respects the set is regarded as a single book.

78. All circulating books shall be lent for fourteen days, with the privilege of renewal, except as specified below.

(a) new fiction, and non-fiction temporarily in great demand shall be lent for seven days without privilege of renewal;

(b) unbound numbers of periodicals shall be lent for four days without privilege of renewal.

79. For the information of the borrower it shall be specified upon the dating slip of every book how long the book may be kept.

80. Cyclopaedias, dictionaries, receipt books and other reference books, public documents, and certain specified books of value, may not be taken from the library.

81. The Librarian may, at his discretion, withdraw from circulation for temporary reference use such books as may be needed by teachers, pupils, or any group of people too numerous for individual use of the books.

82. Members of the staff must conform to the same rules as the public in the borrowing of books. They are not permitted to reserve popular books for themselves as they are returned, but should such books remain on the shelves at the end of the day, assistants may borrow them in the usual manner.

Renewals.

83. Any books except those otherwise specified in paragraph 77, sections a and b, may be renewed for the period for which they were originally issued. Renewal may be made in person, by telephone, or by mail.

84 If a request for renewal is mailed on or before the day the book is due, no fine shall be charged, even if the book be-

comes overdue before the request for renewal is received.

85. Books shall be renewed on the same side of the desk as they are charged.

86. A request for a renewal shall be granted, even if the book is overdue. If the fine is not collected at the time of renewal the amount shall be noted on the borrower's card if presented, or on the renewal slip, and be considered due when the book is returned.

87. A second renewal on books not in great demand may be granted for special reasons by the Librarian, or in his absence by the First Assistant. It is to be understood in such a case, and so stated by the attendant making the renewal, that the book is subject to recall if desired by another reader.

88. A book for which there are reserve cards on file may be neither renewed, nor transferred to the card of another reader.

89. A book for which no reserve card is on file may be transferred from the card of one borrower to that of another, but a book may not be transferred from the regular card to the Teacher's card of the same individual, nor vice versa.

90. In transferring a book from one card to another the book and the card on which it is to be charged must be brought to the library.

91. A book which has been on the shelves for twenty four hours, may be drawn again by a borrower who has previously had it for the full length of time.

Reserved Books.

92. Upon payment of one cent to cover postage of notification any circulating book may be reserved until the closing hour of the day following the mailing of the notice.

93. No reserves may be taken for books not yet purchased, and ready for circulation.

94. When application is made to have a book reserved, the post-card, (form Res. Not.), should be filled out with the name and address of the applicant, the author and title of the book,

and, if non-fiction, the book number.

95. The file of reserve cards shall be arranged alphabetically by author, and if there is more than one request for the same book, the cards shall be numbered, and the reserves granted in the order in which they are taken.

96. A borrower who has a telephone may, by leaving his number, be notified at once by telephone when the book becomes available.

97. If after due notice, the book is not called for within the time specified, the reserve slip, (form Res.), shall be marked "Not called for," and filed as a record that the book was reserved according to request.

Vacation Loans.

98. Special privileges may be allowed borrowers during the summer vacation period, under the following conditions:

(a) Five books of fiction and the usual number of books of non-fiction may be borrowed for the vacation period on a borrower's card.

(b) New books purchased within one year shall not be lent on vacation loan.

(c) Books lent under this plan must be returned not later than the last day of September, and the usual fines shall be charged for books kept beyond that time.

(d) Books lent under this plan are subject to recall at the expense of the borrower, if needed.

99. When books are lent for the vacation period, the assistant making the loan shall note in pencil on the book card, in the space under the charge, the words, "Vacation loan." The vacation address of the borrower shall also be ascertained.

Traveling Libraries.

100. Collections of books—known as Traveling Libraries—may be lent for a term of one month to institutions, or respon-

sible organizations, subject to recall in whole, or in part, at any time.

Inter-Library Loans.

101. The library may, on the request of a responsible borrower, obtain from another library, a book not in its own collection. Such loans must be returned promptly, and may be recalled at any time without previous notice.

Books for the Blind.

102. The library may, on the request of a r sponsible borrower, obtain, without expense to the borrower, books of raised print for the blind. Such books must be returned promptly, and may be recalled at any time without previous notice.

Periodicals.

103. Only those periodicals which have been approved by the Committee on Library and Art shall be placed in the reading room.

104. A check list of all periodicals on the official subscription list shall be kept on file. and each periodical as received shall be checked on this list.

105. The assistant in charge of periodicals shall promptly notify the Librarian of failure to receive any periodical.

106. All periodicals shall be put in proper covers before being placed on the tables.

Fines and Delinquencies.

107. A notice of an overdue book (form O.), shall be sent to the borrower of the third day after the book falls due.

108. The date on which the overdue notice is sent shall be noted, together with the initials of the assistant sending the notice, in the next space below the last charge on the book card.

109. Books which fall due on holidays, or on any occasion on which the library is closed, shall be considered as falling due on the next week-day thereafter.

110. Fines are computed at the rate of two cents a day for each book up to a maximum fine of twenty cents on a single book. A book in two or more volumes is reckoned as a single book in computing fines.

111. No book may be borrowed on a card on which a fine is due, for a period of one month. At the end of this period the unpaid fine will be remitted.

112. When a book is returned overdue and the fine is not paid, the attendant receiving the book shall withhold the borrower's card, note upon it the amount due, and file it behind the corresponding application, where it shall be kept until the fine has been paid or remitted.

113. No fine shall be charged for a book lost in a fire, but the report of the fire should be verified.

114. When a borrower reports that a book has been lost no fine shall be charged after the report is made. Unless the book is certainly lost, a reasonable time should be allowed for the book to be found before payment therefor is required.

115. A book ten days or more overdue is subject to collection by messenger.

116. When a messenger is sent to collect books he shall be given a slip for each book overdue, upon which is noted the name of the book, person to whom charged, date when due, amount due for fines and messenger fee of ten cents. This slip shall be signed by the messenger and given as a receipt if the amount due is paid, but if unpaid the slip shall be returned to the library, such information as is obtained noted on the back, and the slip shall be filed with the borrower's application.

117. A delinquent is a borrower who has been deprived of the privileges of the library for wilful violation of the rules, non-payment of fines, or indebtedness for damage or loss. Full information as to the circumstances shall be filed with his ap-

plication, Upon adjustment of the claims against him he shall at once be re-admitted to full privileges.

118. The fact that one member of the family is a delinquent shall not debar other members from the full privileges of the library.

119. A minor shall continue to enjoy the full privileges of the library as long as he personally incurs no penalties, even if his guarantor has proved financially irresponsible, but such guarantor shall not be again accepted.

Books Damaged, Lost, and Discarded.

120. All books returned by borrowers shall be inspected when they are slipped for replacement on the shelves. Damage not serious enough to retire the book from circulation shall be noted on the book card so that the next person borrowing the book may not be held responsible for the injury.

121. When a book has been so damaged as to necessitate discarding, or has been lost, the borrower shall be charged such an amount as shall be deemed by the Librarian a fair value for the book; or, the borrower may replace the book by another copy of the same edition, or one equally satisfactory.

122. The amount to be charged for minor damages shall be determined by the Librarian.

123. If a borrower finds a book which he has lost and paid for, he may return it and receive his money back, if the library has not already replaced the book with a new copy. In such a case the money shall be paid from the Petty expense fund,and accounted for as "cash refunded for lost book returned."

124. If the library *has* already replaced the lost book, the borrower may be allowed to keep the book after removal of the library plate and marks, but if he does not desire it, the library will return to him all but (.25) twenty-five cents of the cost of the new copy and accept the book as a duplicate copy.

125. In case the book lost is a volume of a set in two or more volumes, it shall be first ascertained whether the volume

in question can be obtained without buying the whole set. If it is necessary to buy the whole set, the library shall charge the amount which the complete set costs, and allow the borrower to keep the remining volumes, after he has replaced the lost ones.

126. When a book has been lost or discarded it shall be recorded in the "Withdrawn" column of the book of class accessions, under the proper class, and on the shelf-list card a red ink line shall be drawn through the accession number.

127. In case of a lost book restored the red ink line on the shelf-list card shall be erased and the accession number restored, and in the book of class accessions the book shall be entered as an added volume in its respective class.

Inventory.

128. An inventory of the books in the library shall be taken each year in the month of May. (During the process of recataloguing the inventory shall be taken only for those books which have been incorporated in the new shelf-list.)

Mending and Binding.

129. The Librarian shall determine what books shall be rebound and the style of binding.

130. All books shall be collated for missing, torn and soiled pages, before sending to the binder. Missing title pages or single leaves, if from a book desirable to preserve, may be printed on the typewriter and inserted.

131. Books sent to the binder are charged to him in the same manner as to a borrower, except that his name is entered on the book card in place of the borrower's number. The cards are arranged in the usual succession of classes and placed in a file by themselves.

132. Each book shall be supplied with a binder's specification slip (form B. S.), tipped into the book behind the title page

133. Each slip shall bear an individual serial number, the complete series being the total number of books sent to the binder during the year, and a new series beginning on the first of each year.

134. In the space for specifications for lettering, as many as necessary of the following items shall be indicated for each book, in the following order: title, author, volume number, year, and book number. The book numbers shall be uniformly one and one fourth inch from the bottom of the book.

135. In collating a magazine care should be taken to include the title page and index. The advertising signatures may be removed.

Gifts.

136. All gifts shall be received and acknowledged in the name of the Woburn Public Library.

137. The name of the donor and the date of receipt shall be entered in the book, and, together with author, title, and number of volumes, in the record of gifts of the current year.

Pay Roll.

138. Each member of the staff shall present a bill for services for the month, on the first day of the month following, for approval by the Board of Trustees, and payment by the City Treasurer.

Telephone.

139. The usual rates shall be charged for private use of the telephone, and the fees received shall be entered upon the daily statistics sheet.

ANNUAL REPORT

OF THE

BOARD OF HEALTH

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of the Board of Health

To the Honorable City Council, Woburn, Mass.:

Gentlemen:

We respectfully submit the following report for the year ending December 31st, 1911, with reports of Plumbing Inspector and Inspector of Milk appended:—

The personnel of the board and its agents at the close of the year is as follows:

Vernon C. Stewart, M. D., Chairman	16 Summer Street
Robert H. Corry	35 Bedford Street
John P. Carroll, M. D.	14 Winn Street
H. C. Hall, Clerk	6 Court Street
Thomas Mulkeen, Agent	106 Pleasant Street
Maurice Dinneen, Inspector of Plumbing	58 Harrison Avenue
Edward P. Kelley, M. D. Milk Inspector	666 Main Street
James N. Stuart, V. S., Inspector of Slaughtering	61 Kilby Street

HEALTH CONDITIONS.

Notwithstanding the long continued excessive heat in July and August which directly added five names to our mortuary list and indirectly several others, the death rate per 1000 inhabitants in the year just closed was less than in any year since death records have been kept in the office of the board of health. The year 1910 was unusually favorable to health and longevity and the death rate was 15.6 per 1000 inhabitants. In the last

year it fell to thirteen in a thousand, a decrease of 16 2-3 per cent.

The total number of cases of contagious diseases reported were many less than in former years. During the latter half of the year there were weeks in succession that none of the ordinary children's diseases were reported. In the last quarter a few mild cases of scarlet fever were noted but these were sporadic and were confined to a single case in each family.

Early in August our people were appalled by the appearance of Anterior Poliomyelitis or Infantile Paralysis in our midst.

In all cases of diseases dangerous to the public health the state board of health has co-ordinate power with the local boards. Accordingly, as soon as the first cases were reported to the state board of health that board immediately sent out a representative who took charge of the situation,which largely relieved the local board of responsibility in the matter. Indeed there was little or nothing that could be done to remedy the disease or to stop its spread. The source or cause was, and is, as yet, unknown. Whether or not, it may be transmitted from one person to another has not yet been fully determined. In hospitals where it has been most treated the patients have been cared for in open wards and have been allowed to travel in public conveyances.

The subject is receiving the serious attention of the epidemiological department of the Rockefeller Institute of New York and in lesser institutions of the country, and we may reasonably expect that these investigations will reveal more definite and specific knowledge of the disease,—its cause, its cure and its prevention.

It is an acknowledged fact that the dust in our streets, during dry weather, becomes an active source of infection and we respectfully urge that more effective means be used for the prevention and suppression of dust in our streets than are now in operation.

CONTAGIOUS DISEASES

Diphtheria.

There was a total of thirty-three cases reported during the year. Thirty of these cases were reported on or before the sixth of July and three others between that date and the fifteenth of September. Three deaths were reported.

Scarlet Fever.

But sixteen cases of scarlet fever were reported during the year. The larger part of these were reported early in the year. A few have come in during December. One case, only, was fatal.

Measles.

Thirty-four cases of measles were reported and nearly all of these in mid-summer. No fatalities.

Whooping Cough.

Twenty-four cases reported. No fatalities.

Typhoid Fever.

Sixteen cases were reported, an unusually large number for Woburn. A large majority of these cases were from the same locality and these were due, very largely, to the want of suitable means for isolation and for nursing.

Tuberculosis.

Fifteen cases of this disease were reported during the year. Fifteen deaths were, also, reported. It will be seen that the

number of cases reported and, also, the number of deaths are less than in any year since the disease has been reportable. In the past year the city has paid towards the cost of maintaining persons at the State Sanatoria the sum of $558.19 One patient has died, one has been discharged, one is yet at Lakeville and two at North Reading.

Varicella.

Four cases reported in the year. No deaths.

Ophthalmia Neonatorium.

But a single case was reported during the year and this from a Boston hospital. Investigation disclosed the fact this was not a Woburn case though the mother had a settlement in this city.

Anterior Poliomyelitis—Infantile Paralysis.

Eleven cases of this disease were reported and two deaths were reported as caused by it. So far as learned, recoveries have been good with no permanent deformities.

COMPLAINTS.

Total number of complaints reported, 25.

Annoying hens	2
Burning old shoes and rubbish	1
Dumping refuse meat on city land	1
Foul odors from glue stock	1
Foul odors from leather works	3
Foul sink drains	1
Foul premises	1
Overflowing cesspools	3
Noisy rooster	1
Unclean privies	6
No cause	5
Total	25

UNDERTAKERS.

The following named undertakers received licenses for the year ending May 1st, 1912:—

Cantillon, Edward J.	263 Main Street
Cox, Patrick J.	269 Main Street
Lynch, Edward E.	265 Main Street
McLaughlin, Bernard J.	37 Beacon Street
McLaughlin, William E.	517 Main Street
Reade, Lawrence	241 Main Street
Tripp, Benj. E.	10 Prospect Street
Tripp, Charles E.	10 Prospect Street

No report has been received of any violation of the rules and regulations of the board or of any statute laws by any of the above named undertakers.

MILK INSPECTION.

For the year ending December, 1911.

The milk supply of this city is mostly raised in this city and dairies in Burlington. At times however, when there is a shortage, the extra supply is obtained from dairies in Bradford, N. H., through D. Whiting & Sons.

There are in the city seventy-five licensed retailers. Of these 26 are stores, twenty-two are actively engaged in distributing, and the remainder either sell entire raising at wholesale or sell to neighbors at the door.

The regulations regarding the sale of milk in the original containers, in stores has been generally observed and has done much to better the old condition under which only a dirty milk was possible.

The dairies in this city and Burlington have been visited frequently in the past year and the owners have been very agreeable to any change suggested and must be given credit

due to them for their efforts to secure and distribute the best milk they could obtain to their patrons. With this in mind, I would suggest that in justice to our home dairies the inspector should visit the dairies from which the extra supply is obtained during the shortage seasons.

The expenses of the office are reported in the general expense account of the Board of Health.

There were five hundred eighty-four samples examined. Three hundred seventeen were examined for solids and impurities and two hundred sixty-seven were examined for bacteria.

As to cleanliness and freedom from injurious bacteria, the milk now compares very favorably with that of cities where bacteriological examinations have been made for 4 or 5 years past and I have not met a single producer who did not readily carry out any reasonable request considered necessary to better his milk supply.

Following will be found the monthly reports, and annual totals as submitted to the Board of Health each month. From these reports and the averages of the results of analysis and bacteriological examinations, and the results of the monthly inspections of dairies the dairies are rated.

AVERAGE

NAME	ANALYSIS	RATING	Bact. Count
Callahan J. F.	4.8 % F	70 %	150,000
Marion N.	4.4	60 %	215,000
Winn G. E.	4.5	70 %	201,000
Morgan P.	4.6	65 %	206,000
Coyne	4	55 %	341,000
Clarke C. C.	4.9	75 %	102,000
Hawkins C. W.	4.4	70	214,000
Murphy A.	4.5	65	200,000
Tirrell J.	4.7	60	200,000
Bennett M. J.	4.3	60	260,000
Bowser F. H.	4.3	70	231,000
Bowser F. C.	4.6	60	190,000
Harris	4.4	65 %	210,000
Doherty P.	4.4	65	240,000
Doherty T.	4.6	55	212,000
Hedbloom Carl	4.8	70	368,000
Quinn H.	4.4	60	210,000
Lowder H.	4.5	65	242,000
Foster G. H.	4.7	65	214,000
Tabbott Chas.	4.6	70	204,000
Wyman Miss	4.6	70	202,000
Dobbins & White	4.7	70	198,000
Froberg	4.6	65	226,000
Rice J. T.	4.7	65	234,000
McIntire W.	4.5	70	214,000
Hooper S.	4.4	60	231,000
Gustin T. E.	4.6	65	218,000
D. Whiting & Sons	4.3	70	187,000
Nordean A.	4.4	50	300,000

Dealers are rated who distribute 300 more cans of milk.

	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Number of Dairies Inspected	23	28	24	26	30	38	24	22	17	232
Number of Stores Inspected	6	11	19	22	21	22	16	13	11	141
Dairies in Poor Condition	4	—	1	1	2	4	1			13
Condition of Cattle and Food	With very few exceptions the cattle were well cared for, good food supplied.									
Condition of Jars and Utensils	The larger distributers have sterilizers, the others have the old methods of washing cans etc. and are giving a good clean product comparatively.									
Samples Analyzed	19	32	37	43	28	70	22	31	35	317
No. of Licenses	2	40	7	10	13	1	2			75
Amount Received for Licenses	1.00	20	3.50	5.	6.50	50	1.00			$37.50

Respectfully submitted

EDWARD P. KELLEY, M. D.

Milk Inspector and Bacteriologist

SWILL COLLECTION.

In April the board advertised for proposals to collect and remove the swill and kitchen offal in the more thickly settled part of the city for the year ennding May 12, 1912. The offer of thirty dollars per month submitted by Thomas P. McGoff, 85 Mishawum Road, was lower than any other and the contract was awarded to him on condition that he furnish a satisfactory bond in the sum of two hundred dollars. Later the required bond was furnished and on he 12th of May he entered upon the duties prescribed by his contract.

The contract system of collecting and removing swill and kitchen offal is not entirely satisfactory to this board. It seem to us that the raising of swine at the City Farm presents a practical solution to this problem. A careful examination of conditions convinces us that our city swill collected by almshouse men with city teams for this purpose would be an asset to the city instead of a loss of three or four hundred dollars per annum paid out for unsatisfactory services.

PUBLIC DUMPS.

In the early Spring the Highway Department ceased collecting and removing ashes and rubbish from the business section of the city. At the same time the lessee of the Kilby street property closed the dump at that place and no longer permitted its use by the public.

For a time we were without a public dump but later in the season the owner of a piece of low swamp land at the junction of Winn and Elijah streets consented to allow it to be filled to the street level under the direction of the board of health. Except for its distance from the business center of the city it is conveniently located and is of sufficient capacity for several years' use. Under the direction of Mr. R. H. Corry an incinerator has been installed there for the purpose of burning old papers and other combustible rubbish that may be hauled there.

MORTUARY TABLES.

	Totals	Males	Female
Deaths under one year of age	28	20	8
Deaths 1 to 2 years	9	6	3
Deaths 2 to 3 years	6	1	5
Deaths 3 to 4 years	2	0	2
Deaths 4 to 5 years	5	1	4
Deaths 5 to 10 years	3	2	1
Deaths 10 to 20 years	6	3	3
Deaths 20 to 30 years	6	6	0
Deaths 30 to 40 years	13	8	5
Deaths 40 to 50 years	17	12	5
Deaths 50 to 60 years	21	12	9
Deaths 60 to 70 years	35	18	17
Deaths 70 to 80 years	21	16	5
Deaths 80 to 90 years	20	13	7
Deaths over 90 years	7	2	5
Totals	199	120	79
Still born			9
Non-residents			10
Total			218
Death rate per 1000 inhabitants			.13

DEATHS BY MONTHS.

January	15	July	25
February	14	August	17
March	21	September	13
April	17	October	22
May	13	November	15
June	10	December	17

CAUSES OF DEATH

Accident, run over by cars	1
Accidental drowning	2
Accidental burning	1
Acute dilitation of left auricle	2
Acute enteritis	4
Acute indigestion	1
Acute laryngitis	1
Angina pectoris	2
Anterior poliomyelitis	2
Aortic incompetency	1
Aortic leakage	1
Arterio sclerosis	5
Apoplexy	6
Appendicitis	1
Bullet in head	1
Bullet in heart	1
Bronchitis	3
Cancer	13
Carcinoma of liver	1
Cardiac hypertrophy	2
Cardiac insufficiency	1
Cerebral congestion	1
Cerebral hemorrhage	3
Cerebro spinal meningitis	1
Cholera infantum	2
Chronic indigestion	1
Chronic valvular disease of the heart	1
Coelithioaris	1
Convulsions	1
Congenital heart disease	1
Congenital heart malformation	1
Cyrrhosis of liver	2
Cystisis	1
Diabetes	2
Diphtheria	3

Dysentery	1
Dystocia	1
Encocarditis	4
Empyema	1
Entero Colitis	1
Epithelioma of organ	1
Exhaustion following varicose ulcer	1
Found dead in cottage	1
Found dead in cemetery	1
Fracture of hip	1
Gall stones	1
Grip	2
Gastro enteritis	1
Hemiplegia	4
Heat prostration	5
Infantile anthrophy	1
Influenza	1
Intestinal obstruction	3
Instrumental delivery	2
Leucaemia	1
Meningitis	4
Marasmus	1
Mitral insuffiiency	1
Mitral regurgitation	2
Myocarditis	3
Myocardial degeneration	1
Multiple neuritis	1
Natural causes	1
Nephritis	10
Peritonitis	1
Premature birth	9
Pneumonia	24
Pyelitis	1
Ritter's disease	1
Sarcoma of neck	1
Senile dementia	6

Scarlet fever	1
Septicemia	3
Surgical shock	1
Spine bifida	1
Suicide	1
Still born	9
Tabes dorsalis	1
Tuberculosis	13
Typhoid fever	1
Uraemia	2
Valvular disease of the heart	1
Total	208

FINANCIAL STATEMENT.

Appropriated by City Council in January, 1911	$1,000 00	
Appropriated in May, 1911, for Swill Collection	281 60	
Undertakers' license fees	4 50	
Lowell Rendering Company License fee	1 00	
Appropriated by transfer in December, 1911	1,539 30	
		$2,826 40

EXPENDED.

General Expenses.

American Express Company	$11 40
Andrews Print Company, printing	5 75
Bixby, Dr. J. P., services to board	4 00

Daily Times, advertising	8 00	
Evening News, advertising	9 00	
Evening News, printing annual report	8 40	
Burying dead animals	11 25	
H. C. Hall, salary	360 00	
H. C. Hall, sundries	3 26	
T. E. Keating, care of Kilby St. dump	18 00	
McLaughlin & Dennison, ex. antotixin	1 20	
Philip Martin, care Town Meadow brook	21 35	
Moore & Parker, book and stationery	6 80	
Thomas Mulkeen, salary	99 96	
Dr. A. H. Tedford, salary	38 55	
F. H. Thomas Company, formaldehyde	39 82	
E. F. Wyer, rent of post office box	2 40	
E. F. Wyer, stamps cards and wrappers	16 80	
		665 94

Milk Inspection.

P. T. McDonough, salary	$49 70	
P. T. McDonough, car fares	3 83	
P. T. McDonough, carriage hire	4 00	
P. T. McDonough, advertising	7 50	
P. T. McDonough, score cards	4 50	
		69 53

E. P. Kelley, salary	418 10		
E. P. Kelley, advertising	19 75		
E. P. Kelley, carriage hire	13 00		
E. P. Kelley, supplies	19 41		
		470 26	
			539 79

Swill Collection.

Thomas P. McGoff, collecting for the year	281 60		
			281 60

Contagious Diseases.

Lakeville Sanatorium:			
Care of John Rudolph	$210 56		
Clothing for John Rudolph	21 46		
		$232 02	
No. Reading Sanatorium:			
Care of Michael Murray	208 47		
Minnie Claugherty	8 57		
Rose Crosby	71 43		
		288 47	
City of Worcester:			
Care of Mary J. Shaughnessy	67 29		
		67 29	
City of Lynn:			
Care of Hugh McDavitt	15 00		
Bertha Callahan	70 00		
		85 00	
City of Salem:			
Care of Joseph P. McCarthy	58 00		
		58 00	

City of Boston:			
Care of Eaton F. Sleeper ..	102 86		
Care of Abbie O'Connell ...	126 00		
Care of Lee O'Connell	126 00		
Care of Ellen O'Connell	104 00		
Care of Charles Hogan	14 00		
Care of Annie Weafer	36 00		
		508 86	
Rutland Sanatorium:			
Care of Frances McGaffigan	37 71		
		37 71	
Quarantine:			
Carl Gerry, 10 days	10 72		
B. J. Donahue, 29 days	45 50		
		56 22	
			1,333 57

License Fees.

License fees paid to City treasurer	5 50	
		2,826 40

V. C. Stewart, Chairman,
R. H. Corry,
J. P. Carroll,
Board of Health.

Report of Inspector of Plumbing

To the Honorable Board of Health:

Gentlemen:—

I submit herewith the following report of work done in the Plumbing Department in the year ending December 31st, 1911:—

Number of permits issued	176
Number of waterclosets installed	115
Number of washtrays installed	45
Number of washbowls installed	73
Number of bathtubs installed	69
Number of sinks installed	65
Number of butler's sinks installed	4
Number of fixtrues replaced and retrapped	85
Number of new buildings plumbed	38

In the matter of repairing and of renewing old work with new materials it has been found to be to the disadvantage of both householder and plumber to follow the letter of our rules and ordinances. Several such cases have been reported to your board who, after hearing, have permitted the proposed work to be done as desired by the house householder and the plumber when approved by the inspector.

While your inspector has no desire for discretionary powers in any case that might arise in the performance of his duties, yet in cases of repairs and renewals of old work if a little more latitude were allowed him by the ordinances much valua time of the Board might be saved, the work of the plumber accelerated and needless expense saved to the householder.

There are other minor changes that might be made in our

ordinances that would simplify and improve them to the advantage of all concerned which we hope to bring to your attention early in the new year.

With some degree of pride we note that thirty-eight new buildings were plumbed in year just closed. We were told that this number exceeds that of any other year in the last quarter of a century.

Respectfully
MAURICE DINNEEN,
Inspector of Plumbing.

ANNUAL REPORT

OF THE

Chief of Fire Department

OF THE

CITY OF WOBURN

For the Year Ending 1911

THE NEWS PRINT, WOBURN, MASS
1912

Report of Chief Engineer of Fire Department

To the Honorable City Council:

Gentlemen:—In compliance with the requirements of the city ordinances governing the Fire Department, I herewith submit my fourth annual report of the condition of this depar ment and the work performed by it for the year ending Dec. 31, 1911, together with a roll of members, a record of all fires and alarms and their causes, with the amount of loss and insurance as near as it could be ascertained, and such other information as I think will be worthy of your attention.

Manual Force.

We have now in the Department sixty-four men classified as follows:

Engineers: Chief and Assistant	2
Electrician and Supt. Fire Alarm	1
Permanent Drivers	4
Captains	7
Lieutenants	7
Stoker of Engine	1
Call Drivers	4
Hosemen	30
Laddermen	8

Apparatus.

The several pieces of apparatus are in good condition with the exception of the Engine,which after twenty years of service needs a thorough overhauling. The ladder truck has been repaired during the year and is now in first-class condition.

Apparatus in Service.

The apparatus in service consists of:

Steam Fire Engine	1
Hose Wagons	6
Ladder Truck	1
Supply Wagon	1
Engineer's Wagon	1
Hand Chemical Extinguishers	9
Johnson Hand Pumps	8
Hose Sleds	6
Ladder Sled	1
Exercise Wagons	5
Fire Alarm Repair Wagon	1

Apparatus Out of Service.

Hose Wagon	1

Horses.

There are sixteen horses in the service of the Department, of which eleven are owned by the Department,four by the High way Department, and one hired for the Engineer's wagon. Four horses were purchased during the past year to replace one that died and three disposed of because of unfitness for service.

Hose.

We have now in service ten thousand (10,000) feet of hose, of which four thousand is in reliable condition, four thousand in fair condition and two thousand suitable for hydrant service.

Water.

Three hundred and ninety-four hydrants are now in service, thirteen being added during the past year. The placing of

additional hydrants where mains are being relaid, meets with the approval of this Department.

Houses.

The several houses of the Department, as regards repairs, are under the control of the Board of Public Works, and are in fair condition with the exception of Hose Co. No. 2, which will need to be reshingled. The others will need only the ordinary repairs.

Fire Alarm.

The fire alarm telegraph has worked satisfactorily during the past year. The work on the lines continues to increase yearly, and it requires constant attention to keep the system in condition so that no contact may occur with the high tension wires of the electric companies. Many changes have been made because of the relocation of poles. The new six-circuit repeater has been added, dividing our system into six circuits instead of three as formerly. Two new signal stations have been added and located, Box 312 on North Warren St. at the Car Barns, and Box 261 on Elm St. at the corner of West St

Recommendations.

The appointment of a permanent driver at Hose Co. No. 5.

The relaying of water mains. I recommend that Main St. be equipped with an 18-inch main, a 12-inch main be laid to Cummingsville and Montvale, that a 12-inch main be laid on Conn St., and also on Fowle St. from Main to Prospects street. Under present conditions the water supply is entirely inadequate to contend with the conditions in that district.

I renew the recommendation that the horses used on the Steamer be owned by the Fire Department and under its control at all times. Under the present conditions the horses are

owned and used by the Highway Department and very often during the day much time elapses between the time of the alar and the time the Steamer is ready to respond. If this condition of affairs is not remedied, it will result some day in a serious loss of property. The same conditions apply to Hose Co. No. 6, where the horses are used for street watering.

As a matter of efficiency and that the duties of Chief Engineer be best administered in the interests of the city and department, I recommend that the office of Chief Engineer be made permanent.

On account of the entire absence of any chemical apparatus in this department, I would recommend for your earnest consideration the purchase of an auto combination chemical and hose truck. When we take into consideration the damage by water at fires, I believe that such a piece of apparatus would pay for itself in one year. This is the unanimous verdict of all cities and towns where apparatus of this kind has been installed.

I recommend the purchase of 1,000 feet of hose to replace the amount discarded diring the year.

Conclusion.

In conclusion, I desire to extend my thanks to His Honor, the Mayor and members of the City Council and heads of the various Departments for their assistance and co-operation, also to the officers and members of the department for their strict attention to duty and prompt response to alarms.

Respectfully submitted

FRANK E. TRACY,

Chief Engineer.

ROLL OF DEPARTMENT

Frank E. Tracy, Chief Engineer

John J. Kenney, Asst. Engineer

Engine and Hose Co. No. 1

Name	Rank	Age	Occupation	Residence
Frank Callahan	Captain	34	Clerk	46 N. Warren St.
Wm. J. Hammond	Lieutenant	33	Janitor	25 Franklin St.
James Hammond	Hoseman	30	Laundryman	9 Franklin St.
Andrew Cuneo	Hoseman	30	Janitor	Mt. Pleasant St.
Chester L. Smith	Hoseman	32	Plumber	7 Harrison Ave.
John H. McGann	Hoseman	29	Gypsy Moth	12 Main St.
Thos. F. Callahan	Hoseman	26	Livery	55 Prospect St.
George W. Nichols	[Electrician and Engineer	55	Permanent	22 Winn St.
Edward Long, Jr	Asst. Engineman	40	Patent Leather	532 Main St.
Daniel Kerrigan	Driver	35	Permanent	12 Park St.
Michael J. Cuneo	Spare Driver	36	Permanent	13 Walnut St.
Philip McCarron	Driver	60	Teamster	57 Harrison Ave.
Peter Murray	Driver	55	Teamster	6 Flagg St.

Hose Co. No. 2

Name	Rank	Age	Occupation	Residence
W. P. Sevrens	Captain	47	Carpenter	28 Ward St.
C. B. Green	Lieutenant	58	Railroad	84 Elm St.
W. Blaisdell	Hoseman	54	Currier	51 School St.
E. E. Lord	Hoseman	36	Carpenter	5 Lord Terrace
J. I. Peters	Hoseman	33	Currier	9 Johnson St.
T. J. McManus	Hoseman	31	Shoe Stock	26 Ward St.
Joseph M. App	Hoseman	22	Currier	5 Lord Terrace
A. W. Green	Driver	54	Railroad	16 School St.

Hose Co. No. 3

Name	Rank	Age	Occupation	Residence
Jas. H McGovern	Captain	50	Currier	140 Winn St.
Edw. Madden	Lieutenant	42	Shoe Stock	3 Cummings St.
John F. Rooney	Hoseman	41	Shoe Stock	26 Cummings St.
Joseph Canny	Hoseman	33	Shoe Stock	27 Willow St.
Jas. J. Long	Hoseman	33	Shoe Stock	7 S. Bedford St.
Edw. L. Aylward	Hoseman	30	Florist	13 Willow St.
Thomas Lawn	Hoseman	34	Shoe Stock	7 Cummings St.
Jas. McMorrow	Driver	41	Trader	8 Willow St.

Hose Co. No. 4

Name	Rank	Age	Occupation	Residence
Michael Cullen	Captain	40	Piper	45 Washington St
Sylvester Lannon	Lieutenant	33	Farmer	120 Washington St
Jas. Elliott	Hoseman	48	Teamster	14 Grape St.
Wm. Queenan	Hoseman	32	Shoemaker	150 Washington St.
Michael Montague	Hoseman	36	Painter	7 Thorn St.
John P. Quigley	Hoseman	26	Shoemaker	9 Utica St.
Lawrence Byron	Hoseman	22	Shoemaker	10 Utica St.
John Connell	Driver	34	Fireman	133 Washington St.

Hose Co. No. 5

Name	Rank	Age	Occupation	Residence
Cyrus B. Fetridge	Captain	52	Currier	4 McCabe Ct.
Alfred K. Fetridge	Lieutenant	60	Lather	46 Garfield Ave.
John P. Buckman	Hoseman	50	Clerk	2 Oxford Place
John H. Bates, Jr.	Hoseman	31	Bicycle Dealer	19 Davis St.
Warren Gowing	Hoseman	31	Plumber	6 Wyers Ct.
Fred. N. Simonds	Hoseman	43	Machinist	30 Mt. Pleasant St.
Albert E. Simonds	Hoseman	33	Patent Leather	57 Prospect St.
Emil Swenson	Driver	45	Moulder	56 Prospect St.

Hose Co. No. 6

Name	Rank	Age	Occupation	Residence
Geo. H. Newcomb	Captain	57	Printer	23 Mishawum Rd.
G. A. Boutwell	Lieutenant	54	Expressman	24 Church St.
E. L. Ames	Hoseman	41	Clerk	590 Main St.
J. A. McInerney	Hoseman	36	Clerk	51 Church St.
E. J. Stearns	Hoseman	27	Teamster	43 Church St.
Chas. Boutwell	Hoseman	29	Expressman	37 Kilby St.
John F. Foley	Hoseman	38	Leather	6 Hart Place
Joseph P. McKay	Driver	43	Permanent	25 Clinton St.

Hook and Ladder No. 1

Name	Rank	Age	Occupation	Residence
E. E. Stowers	Captain	54	Carpenter	6 Auburn St.
Amos Langill	Lieutenant	47	Carpenter	9 Frances St.
Geo. H. Brauer	Ladderman	45	Moulder	6 Mt. Pleasant St.
J. F. Irving	Ladderman	53	Blacksmith	4 Auburn St.
B. F. Stevens	Ladderman	46	Teamster	6 Fairview Rd.
F. E. Stowers	Ladderman	41	Carpenter	30 Auburn St.
B. S. Dinsmore	Ladderman	45	Carpenter	7 Wyers Ct.
W. G. Stretton	Ladderman	43	Plumber	8 Davis St.
A. J. Foster	Ladderman	48	Janitor	4 Church Ave.
Wm. Boutwell	Ladderman	29	Clerk	491 Main St.
Patrick H. Flaherty	Ladderman	39	Permanent	Harrison ave.

IN MEMORIAM
CHARLES H. NICHOLS
Died March 7, 1911

Statement of Duty Performed by each Company.

	Miles	Hose	Ladders	Hours on duty
Engine 1	137			63½
Hose 1	249½	11,650		122
Hose 2	111½	2,250		94
Hose 3	85	1,100	40	61¼
Hose 4	38	1,950	50	46¼
Hose 5	98	3,550		88
Hose 6	133¾	3,650		83½
Ladder 1	219½		1412	119

Fires and Alarms for the Year 1911.

During the year ending Dec. 31, 1911, there have been 175 alarms, of which 82 were bell alarms and 93 still alarms. There were three second alarms and one call for assistance at Wakefield. While the number of alarms has been up to the average the fire loss for the year will be one of the samllest in the history of the city.

The loss and insurance were as follows:

Value on buildings	$66,250 00
Loss on buildings	15,990 94
Insurance on buildings	45,994 54
Insurance paid on buildings	14,090 94
Value of contents	24,500 00
Loss on contents	2,690 53
Insurance on contents	17,700 00
Insurance paid on contents	1,940 53

January 11. Box 35, 9.30 A. M. Two and one-half story frame manufactory, Bedford street, owned and occupied by Woburn Degreasing Company. No loss. Cause—sparks from stack.

January 11. Box 35, 9.25 A. M. Second alarm. No loss. Needless.

January 20. Still, 3.00 P. M. Grass land, Montvale avenue. Owned by City of Woburn. No loss. Cause—set by boys.

January 28. Still, 9.25 P. M. One and one-half story frame dwelling, owned and occupied by Frank Doherty. No loss. Cause—soot burning in chimney.

LIBRARY OF THE UNIVERSITY OF ILLINOIS

January 28. Box 56, 10.43 P. M. Two and one-half story frame dwelling, owned by Carl Larsen and occupied by Carl Swenson. No loss. Cause—lamp explosion.

January 28. Still, 11.15 P. M. One and one-half story frame dwelling, owned and occupied by Frank Doherty. No loss. Cause—soot burning in chimney.

January 31. Still, 4.38 P. M. Grass land, Montvale avenue. Owned by City of Woburn. No loss Cause—set by boys.

February 4. Box 56, 6.25 A. M. Two and one-half story frame dwelling, owned by John Murphy and occupied by J. Kennedy. No loss. Cause—soot burning in chimney.

February 12. Box 61, 7.45 P. M. One and one-half story frame dwelling, Salem street, owned by F. E. Farnham, occupied by Patrick Foley. Loss $500. Insured. Cause—lamp ignited wood-work.

February 13. Box 46, 3.24 P. M. One and one-half story frame church, Central street. No loss. Cause—unknown.

February 17. Still, 12.35 P. M. Three story frame grocery store, Main street. owned by Mechanics Investment Compamy and occupied by M. O'Keefe. No loss. Cause—careless use of matches.

March 4. Box 31, 9.08 A. M. One and one-half story frame dwelling, Grove street. Owned by Thomas McDermott occupied by Ernest Willis. No loss. Cause—children playing with matches.

March 4. Box 28, 12.08 P. M. One and one-half story frame dwelling, Main street. Owned and occupied by Syl-

vester Call. No loss. Cause—unknown.

March 8. Still, 3.30 P. M. Brush land, Houghton street. Owned by John Gillis. No loss. Cause—unknown.

March 8. Box 31, 3.40 P. M. One story storage shed, Houghton street. Owned and occupied by John Gillis. No loss. Cause—caught from burning brush.

March 10. Box 541, 4.38 P. M. One and one-half story frame dwelling, Main street. Owned by Holten estate and occupied by John J. Cox. Loss $250. Insured. Cause—unknown.

March 13. Still. 9.00 A. M. Two and one-half story frame dwelling, Winn street. Owned by Harrington heirs, occupied by Dr. J. P. Carroll. No loss. Cause—soot burning in chimney.

March 16. Box 37, 7.22 A. M. Two and one-half story frame dwelling, Bedford street. Owned and occupied by F. Dixon. No loss. Cause—burning soot.

March 16. Box 43, 3.58 P. M. Two and one-half story frame dwelling, Flagg court. Owned and occupied by Hubert Flagg. No loss. Cause—soot burning in chimney.

March 23. Still, 10.30 A. M. Rubbish, Walnut street. No loss. Cause—carelessness.

March 24. Box 46, 8.00 A. M., One story frame bottling shed. Owned and occupied by Charles Cadwell. Slight loss. Insured. Cause—kerosene stove overturned.

March 25. Still, 6.30 P. M. Brush land, Central street. Cause—unknown.

March 26. Box 43, 1.29 P. M. Brush land, Montvale avenue. Cause—unknown.

March 26. Box 23, 1.39 P. M. Grass land, Wyman street. Owned by E. C. Coleman. Cause—unknown. No loss.

March 26. Still, 6.22 P. M. Brush land, Main street. Owned by City of Woburn. Cause—unknown. No loss.

March 26. Still, 7.15 P. M. Brush land off Main street. Owned by City of Woburn. Cause—unknown. No loss.

April 1. Still, 4.35 P. M. Brush land, Highet avenue.

Cause—unknown.

April 1. Still, 6.15 P. M. Brush land, off Main street. Owned by City of Woburn. Cause—unknown. No loss.

April 3. Still, 2.15 P. M. Brush land, New Boston street. Owned by Miss Shydecker. Cause—careless burning grass. No loss.

April 4. 12.45 P. M. Brush land. Owned by City of Woburn. Cause—unknown. No loss.

April 4. Still, 3.00 P. M. Brush land. Owned by City of Woburn. Cause—unknown. No loss.

April 7. Still, 2.15 P. M. Brush land, Middle street. Owned by City of Woburn. Cause—unknown. No loss.

April 7. Still, 3 P. M. Brush land, Beach street. Owned by City of Woburn. Cause—unknown. No loss.

April 7. Still, 3.15 Pl. M. Brush land, Mishawum road. Owned by D. Williamson. Cause—burning grass. No loss.

April 7. Box 24, 6.39 P. M. Brush land, Middle street Owned by M. Anderson. Cause—unknown. No loss.

April 8. Box 34, 10.02 A. M. Brush land, Cambridge street. Owned by Dr. Flagg. Cause—unknown. No loss.

April 8. Still, 12.33 P. M. Brush land, Middle street. Cause—unknown. No loss.

April 8. Box 68, 7.23 P. M. False alarm.

April 11. Box 35, 8.21 A. M. One and one-half story frame dwelling. Owned and occupied by F. Given. Cause—soot burning in chimney. No loss.

April 12. Still, 2.32 P. M. Brush land, School street. Owned by Mrs. L. Ames. Cause—unknown. No loss.

April 12. Still, 4.45 P. M. Grass land, South street. Owned by F. B. Richardson. Cause—unknown. No loss.

April 14. Still, 9.15 A. M. Grass land, Harrison avenue. Cause—unknown. No loss.

April 16. Box 52, 8.57 P. M. Two and one-half story frame dwelling. Owned and by E. Caldwell and occupied by F. Gamester. Cause—kerosene lamp overturned. Slight damage. Insured.

April 17. Box 62, 8.25 A. M. One story brick garage. Owned by J. W. and E. F. Johnson, occupied by J. H. Bates & Son. Cause—ignition of gasolene. No loss.

April 17. Box 51, 11.35 A. M. Two and one-half story frame dwelling. Owned by John McDonough, occupied by tenants. Cause—supposed rats and matches. Loss $800. Partial insurance.

April 17. Still, 3.25 P. M. Brush land, Russell street. Cause—unknown. No loss.

April 17. Still, 5.55 P. M. Storage shed. Owned and occepied by P. Carlson. Cause—caught from bonfire. No loss.

April 18. Box 33, 5.30 P. M. Two and one-half story frame dwelling, Bedford street. Owned by J, Cummings estate and occupied by J. Hammond. Cause—soot burning in chimney. No loss.

April 18. Box 33, 5.35 P. M., Bedford street. Needless second alarm for same fire.

April 19. Still, 10.45 A. M. Brush land off Main street. Owned by Baldwin estate. Cause—unknown. No loss.

April 19. Box 45, 11.06 A. M. Brush land, Salem street. Cause—unknown. No loss.

April 19. Still, 11.36 A. M. Brush land, Main street. Owned by City of Woburn. Cause—unknown. No loss.

April 19. Still, 1.35 P. M. Brush land, Main street. Owned by City of Woburn. Cause—unknown. No loss.

April 22. Still, 8.20 A. M. One and one-half story frame dwelling, Center street, owned and occupied by M. McCarthy. Cause—soot burning in chimney. No loss.

April 22. Box 41, 8.29 P. M. Two and one-half story frame dwelling, Washington street. Owned and occupied by Richard Mack. Cause—unknown. Loss $1,800. Insured.

April 22. Box 45, 8.35 P. M. Needless second alarm.

April 22. Box 41, 8.40 P. M. Needless alarm for same fire.

April 25. Box 27, 8.36 A. M. One story frame dwelling, Pearl street. Owned by N. S. Watson and occupied by tenants

Cause—unknown. No loss.

April 25. Still, 10.13 A. M. Three story frame dwelling, Bennett street. Occupied by tenants. Cause—boiling over of fat. No loss.

April 25. Still, 4.27 P. M. Grass land, Wood street. Cause—unknown. No loss.

April 26. Still, 10.40 A. M. Grass land, Main street. Owned by J. F. McGrath. Cause—unknown. No loss.

April 26. Box 23, 11.06 A. M. Grass land, Main street. Owned by J. F. McGrath. Cause—unknown. No loss.

April 26. Box 44, 11.20 A. M. Brush land, Wood street. Cause—unknown.

April 26. Box 44, 12.22 P. M. Brush land, Wood street. Cause—unknown.

April 26. Box 25, 1.49 P. M. Brush land, Plain street. Owned by Mrs. C. Ames. Cause—unknown. No loss.

April 26. Box 28, 5.07 P. M. Brush land, Main street. Cause—unknown.

April 26. Box 65, 8.21 P. M. Three story frame dwelling Prospect street. Owned by B. &. M. R. R.. occupied by tenants. Cause—overturned lamp. No loss.

April 27. Box 47, 8.46 A. M. False alarm.

April 27. Still, 12 M. Grass land, Winn street. Owned by Blake heirs. Cause—unknown. No loss.

April 28. Still, 10.56 A. M. Fence, Fairmount street. Owned by Mrs. J. Hayward. Cause—burning rubbish. No loss.

April 28. Still, 12.11 P. M. Brush land, Tremont street. Cause—unknown. No loss.

April 28. Box 44, 12.40 P. M. Brush land, Tremont street. Cause—unknown. No loss.

April 28. Box 25, 2.37 P. M. Brush land, School street. Cause—unknown. No loss.

April 29. Still, 11.00 A. M. Two and one-half story frame dwelling, Beach street. Owned and occupied by A. F. Crouthers. Cause—soot burning in chimney. No loss.

April 29. Still, 11.20 A. M. Grass land, Frances street. Owned by Elliott Trull. Cause—unknown. No loss.

April 30. Box 35, 10.22 A. M. Brush land, Burlington street. Owned by Carl Johnson. Cause—unknown. No loss.

May 1. Still, 4.15 P. M. Grass land, New Boston street. Cause—unknown. No loss.

May 2. Box 44, 11.33 A. M. Brush land, Green street. Cause—unknown. No loss.

May 2. Box 25, 2.18 P. M. Brush land, off New Boston street. Cause—unknown. No loss.

May 3. Box 34, 11.12 A. M. Brush land, Cambridge street. Cause—unknown. No loss.

May 3. Still, 11.25 A. M. Brush land, Salem street. Cause —unknown. No loss.

May 3. Still, 1.20 P. M. Two and one-half story frame dwelling, Montvale avenue. Owned by D. Parker and occupied by Patrick Doucette. Cause—soot burning in chimney. No loss.

May 3. Still, 3.00 P. M. Brush land, Boutwell's bridge. Cause—unknown, No loss.

May 3. Box 27, 3.10 P. M. Brush land, Peach Orchard lane. Cause—unknown. No loss.

May 3. Box 26, 4.30 P. M. Brush land, School street. Cause —sparks from locomotive. No loss.

May 3. Box 34, 5.55 P. M. Two and one-half story frame dwelling, Cambridge street. Owned by Mrs. J. Cummings and occupied by tenants. Cause—burning soot. No loss.

May 4. Box 25, 2.21 P. M. Brush land, off New Boston street. Cause—unknown. No loss.

May 5. Box 24, 2.35 P. M. Two and one-half story frame dwelling, Highet avenue. Owned and occupied by Michael Cronin. Cause—burning soot. No loss.

May 7. Box 34, 11.56 A. M. Shed and haystack, Russell street. Owned by Mr. Howard. Cause—unknown. Slight loss.

May 7. Still, 7.50 P. M. Brush land, Green street. Cause —unknown. No loss.

May 7. Still, 8.10 P. M. Dump, Manning street. Cause —unknown.

May 8. Still, 4.32 P. M. Brush land, Green street. Cause unknown.

May 8. Box 28, 7.20 P. M. One and one-half story frame dwelling, off Mountain street. Owned and occupied by Mr. Tophla. Cause—lamp explosion. No loss.

May 9. Still, 1.30 P. M. Tan bed, Green street. Owned by M. Finnerty. Cause—unknowm. No loss.

May 10. Box 68, 10.35 P. M. False alarm.

May 13. Still, 10.45 A. M. Grass land, Main street. Cause—unknown. No loss.

May 13. Still, 12.40 P. M. Grass land, Main street. Cause—unknown. No loss.

May 13. Still, 1.47 P. M. Two and one-half story frame dwelling, Pleasant street. Owned and occupied by H. Brown. Cause—burning soot. No loss.

May 13. Still, 7.30 P. M. Brush land, Pine street. Cause —unknown. No loss.

May 14. Box 61, 7.36 A. M. Three story frame dwelling, Salem street. Owned by Converse heirs, occupied by Edward Banwell. Cause—unknown. Loss, $598.75. Insured.

May 14. Still, 2.15 P. M. Brush land, Pine street. Cause, —unknown. No loss.

May 14. Still, 12.30 P. M. Brush land, Merrimac street. Cause—unknown. No loss.

May 14. Box 27, 1.57 P. M. Two and one-half story frame dwelling, Pearl street. Owned and occupied by P. Dobbins. Cause—burning soot. No loss.

May 15. Box 23, 12.20 P. M. Brush land, Lowell street. Owned by Baldwin heirs. Cause—unknown. No loss.

May 15. Box 21, 3.10 P. M. Brush land, Lowell street. Owned by Baldwin heirs. Cause unknown. No loss.

May 15. Still, 2.30 P. M. Tan bed, Pleasant street. Own-

ed by Mrs. W. Dow. Cause—unknown, No loss.

May 16. Box 23, 10.37 A. M. Brush land, Main street. Owened by City of Woburn. Cause—unknown. No loss.

May 16. Box 23, 4.30 P. M. Brush land, Alfred street. Owned by J. W. Johnson. Cause—unknown. No loss.

May 17. Box 27, 12.05 P. M. Brush land, Pearl street. Owned by Baldwin estate. Cause—unknown. No loss.

May 28. Box 65, 6.33 P. M. One story frame tool house, High street. Owned and occupied by City of Woburn. Cause —lamp exploded. No loss.

May 28. Still, 9.05 P. M. Car, Winn street. Owned by B. & N. St. R. R. Cause—unknown. No loss.

June 3. Box 46, 11.24 A. M. Two and one-half story frame dwelling, Albany street. Owned by Mrs. B. McDonald. Cause—unknown. Loss $400. Insured.

June 3. Still, 4.40 P. M. Grass land off Main street. Owned by City of Woburn. Cause—unknown. No loss.

June 5. Still, 6.45 A. M. Two story frame dwelling, Pleasant street. Owned by E. Gregory and occupied by. A V. Heald. Cause—burning soot. No loss.

June 7. Box 42, 12.30 P. M. False alarm.

June 15. Still, 7.10 P. M. Two and one-half story frame factory, Winn street. Owned by Ellis estate and occupied by F. Lovell. Cause—bleaching corn stalk. No loss.

July 3. Still, 6.30 P. M. Tan bed, Green street. Cause—unknown. No loss.

July 3. Still, 11.23 P. M. Dump, Prospect street. Owned by Herrick. Cause—unknown. No loss.

July 3. Still, 11.50 P. M. R. R. ties, Winn street. Owned by B. & M. R. R. Cause—unknown. No loss.

July 4. Box 56, 1.20 A. M. False alarm.

July 4. Still, 6.25 A. M. Two and one half story frame dwelling, Main street. Owned by Mrs. Smith, occupied by George Cutler. Cause— children with firecrackers. No loss.

July 4. Box 68, 9.56 A. M. Two and one half story frame dwelling, Main street. Owned by Littlefield estate, occupied

by M. Burke. Cause—supposed sparks from locomotive. Loss $125. Insured.

July 4. Still, 2.25 P. M. Auto truck, Washington street. Owned by Noah Harnel, Lawrence. Cause—unknown. Loss $4,500. Insured.

July 6. Still, 7.30 P. M. Vernon street. No fire.

July 6. Still, 8.15 P. M. Three story frame ice house, Beacon street. Owned and occupied by F. C. Nichols. Cause—lightning. No loss.

July 6. Still, 8.00 P. M. Two and one-half story frame storgae house, Mill street. Owned and occupied by Charles Arnold. Cause—struck by lightning. No loss.

July 6. Still, 8.00 P. M. Call to Wakefield.

July 10. Box 39, 5.30 P. M. Two and one-half story frame dwelling, Water street. Owned and occupied by James O'Donnell. Cause—soot in chimney. No loss.

July 10. Still, 10.50 P. M. Electric car, Winn street. Owned by B. & N. St. R. R. Cause—unknown. No loss.

July 13. Still, 1.05 P. M. Dump, Conn street. Owned by American Hide & Leather Co. Cause—unknown. No loss.

July 13. Still, 2.45 P. M. Brush land, Maple court. Cause—unknown. No loss.

July 15. Still, 10.42 A. M. Two and one-half story frame dwelling, Park street. Cause—defective chimney. No loss.

July 15. Box 62, 10.45 A. M. Two and one-half story frame dwelling, Park street. Cause—defective chimney. Loss $300. Insured.

July 15. Still, 1.50 P. M. Tan bed, Conn street. Owned and occupied by F. Cottle. Cause—unknown. No loss.

July 20. Still, 8.16 A. M. Two story frame dwelling, Buel court. Owned by Herrick, occupied by J. Flaherty. Cause—soot burning in chimney. No loss.

July 26. Box 66, 6.53 A. M. Two and one-half story frame dwelling, Jones court. Owned by Maxwell estate, occupied by B. Henley. Cause—sparks from chimney. No loss.

August 7. Box 65, 5.34 P. M. One story frame boiling

shed, off Prospect street, owned and occupied by Ballard Leather Co. Cause—boiling over of kettle. Loss $100.

August 8. Still, 2.21 P. M. Dump, Prospect street. Cause —unknown. No loss.

August 19. Box 61, 6.18 A. M. Two and one-half story frame dwelling, Main street. Owned by M. Luftman, occupied by P. Hermanson. Cause—kerosene stove explosion. Loss $50. Insured.

August 19. Still, 1.50 P. M. Dwelling, Washington street. Owned by George Russell, occupied by Robert Morrens. Cause—unknown. No loss.

Ausgut 24. Box 67, 3.06 P. M. Dump, Kilby street. Owned by Boutwell. Cause—unknown. No loss.

August 28. Still, 7.08 P. M. Two and one-half story frame dwelling, Salem street. Owned by Tidd estate, occupied by Mrs. Derby. Cause—lamp explosion. No loss.

September 2. Box 25, 4.20 A. M. One and one-half story frame unoccupied dwelling, New Boston street. Owned by M. Keough. Cause—unknown. Loss $850. Partial insurance.

September 3. Box 612, 5.04 P. M. Automobile, Main street. Owned by M. Burroughs. Cause—unknown. No loss.

September 5. Box 68, 4.55 A. M. Two and one-half story brick round house, Main street. Owned and occupied by B. & M. R. R. Cause—sparks from locomotive. Loss $50.

September 5. Still, 11.02 A. M. Main street. Needless.

September 10. Box 61, 10.48 A. M. One and one-half story frame dwelling, Hovey street. Owned by J. Connolly, occupied by tenants. Cause—kerosene stove placed too near wall. Loss $150. Partial insurance.

Sweptember 11. Still, 2.17 P. M. Electric car, Montvale avenue. Owned by B. & N. St. R. R. Cause—unknown. No loss.

September 12. Box 54, 3.08 P. M. Two and one-half story dwelling, Porter street. Owned and occupied by L. G. Brown.

Cause—kerosene oil stove. Loss $190. Insured.

September 14. Still, 2.00 P. M. One and one-half story frame dwelling, Traverse street. Owned and occupied by Mrs. W. Cutler. Cause—soot burning in chimney. No loss.

September 30. Box 212, 10.18 P. M. Two story frame cooperage, Merrimac street. Owned and occupied by Merrimac Chemical Co. Cause—unknown. Loss $10,066.70. Insured.

October 2. Box 61, 10.36 A. M. Spraying machine, Broad street. Owned by City of Woburn. Cause—naphtha explosion. Loss $139.28 Insured.

October 5. Still, 6.07 P. M. Two and one-half story frame dwelling, Broad street. Owned by McKenna and occupied by Mrs. Nuthall. Cause—soot burning in chimney.

October 14. Still, 9.18 A. M. Two and one-half story frame store, Montvale avenue. Owned by J. W. Johnson, occupied by Mr. Miller. Cause—naphtha explosion. Loss $65. Insured.

October 15. Still, 2.10 P. M. Two and one-half story frame dwelling, Winn street. Owned by Mrs. Hill, occupied by W. R. Hill. Cause—overheated stove. No loss.

October 25. Still, 10.55 A. M. Two and one-half story frame dwelling, Salem street. Owned by Ellis estate, occupied by Harry Jones. Cause—soot burning in chimney. Slight loss. Insured.

October 29. Box 26, 2.54 P. M. Two and one-half story frame dwelling, Elm street. Owned by City of Woburn, occupied by tenants. Cause—sparks from chimney. No loss.

November 2. Still, 9.00 A. M. Two and one-half story frame dwelling, Ash street. Owned by B. Meehan, occupied by tenants. Cause—soot burning in chimney. No loss.

November 17. Still, 5.25 P. M. Grass land, Eastern avenue. Cause—unknown. No loss.

November 21. Still, 11.15 A. M. Montvale avenue.

November 22. Still, 4.20 P. M. Grass land, Davis street. Cause—unknown. No loss.

November 23. Box 56, 11.35 P. M. Three story frame ice house, Lake avenue. Owned by Boston Ice Co. Unoccupied. Cause—unknown. No loss.

November 25. Still, 8.20 P. M. Two and one-half story frame dwelling, Arlington road. Owned and occupied by Mrs. Hudson. Cause—soot burning in chimney. No loss.

November 28. Still, 11.45 A. M. Two and one-half story frame dwelling, Buck street. Owned by Nicholas Murphy, occupied by Mrs. T. Murphy. Cause—soot burning in chimney. No loss.

December 10. Box 65, 6.21 P. M. One story frame factory, Jefferson avenue. Owned by McDonald heirs, occupied by Ballard Japanning Co. Cause—supposed incendiary. No loss.

December 11. Box 271, 3.43 P. M. Testing box.

December 12. Still, 8.55 P. M. Burning rubbish, Winn street. Cause—unknown. No loss.

December 18. Box 612. 9.20 P. M. Three story frame business block, Main street. Owned by Mechanics Investment Co. Occupied by tenants. Cause—defective wires. Loss $596.74. Insured.

December 19. Box 58, 4.29 P. M. Two and one-half story frame dwelling, Arlington street. Owned and occupied by D. Dever. Cause—stove exploded. No loss.

December 26. Still, 9.00 P. M. Automobile, Winn street. Owned by W. Carroll. Cause—unknown. Loss $300. Insured.

December 29. Still, 12.08 P. M. Two and one-half story frame storage house, Cove street. Owned and occupied by City of Woburn. Cause—unknown. No loss.

December 29. Box 512, 12.15 P. M. Two and one-half story frame storage house, Cove street. Owned and occupied by City of Woburn. Cause—unknown.

December 29. Still, 3.13 P. M. Grass land, Montvale avenue. Owned by City of Woburn. Cause—unknown. No loss.

December 30. Still, 10.00 A. M. Two and one-half story frame dwelling, Bedford street. Owned and occupied by John Strong. Cause—soot burning in chimney. No loss.

ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of the Chief of Police for the Year 1911

Woburn, Mass., Jan. 10, 1912.

To the Honorable Mayor and City Council of the City of Woburn:—

Gentlemen:—I respectfully present herewith my report of the work accomplished by the Police Department for the year ending December 31, 1911.

ARRESTS.

Number of of arrests	402
Males	390
Females	12
Minors	62
Residents	254
Non-Residents	148
White	398
Colored	8

CAUSES OF ARREST.

Assault and battery	28
Adultery	2
Bastardy	3
Breaking and entering	15
Carrying concealed weapons	3
Capias	8
Drunkenness	210
Disturbing the peace	18
Escaped prisoners	1

Evading fares	1
Game on Lord's day	7
Idle and disorderly	1
Insane	11
Larceny	23
Neglect to support wife	7
Rape	1
Suspicion	1
Violation of the liquor law	26
Violation of license law	5
Vagabond	13
Violation of health law	4
Violation of city ordinances	1
Walking on railroad	1
Delinquent	1

Fines paid	115
Released from lockup	4
Continued	63
Discharged	10
Delivered to other officers	11
Appealed	22
Grand jury	5
Married	2
Insane asylum	10
Westboro reform school	4
House of Correction	59
House of Correction for non-payment	16
On file	96

Value of property stolen	$1,305
Value of property recovered	1,190
Value of property lost	845
Value of property found	845
Number of committments	1,131
Amount of fines imposed	$1,291

Imprisonment imposed	19 yrs.
State Farm	35
Accidents reported	28
Sick and disabled people	31
Defective street lights	218
Buildings specially protected	8
Details for private assemblages	3
Details for public assemblages	42
Officers at fires	48
Stray teams cared for	22
Buildings found open	169
Nuisances reported	16
Defects in highway	52
Defects in water pipe	46
Defects in gas pipe	5
Dogs killed	18
Fire alarms given	17
Health notices served	16
Liquor seizures	17
Search warrants, (liquor) served	53
Search warrants (stolen goods) served	2
Disturbances suppressed	92
Dead bodies cared for	8
Lost children	38
Fires extinguished without alarm	17
Cases investigated	240
Permits	25

In conclusion I wish to extend my thanks to the Mayor and City Council for kind treatment received at their hands on all police matters during the year.

To the members of this department I extend thanks for their efforts to perform their duties and to earn the confidence and esteem of all good citizens.

CHARLES F. McDERMOTT,
Chief of Police.

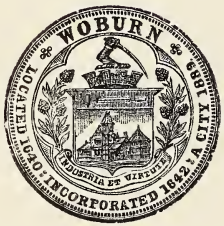
ANNUAL REPORT

OF THE

Overseers of the Poor

OF THE

CITY OF WOBURN



FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of the Overseers of the Poor for the Year 1911

To the Honorable Mayor and City Council:

Gentlemen:—In accordance with the provision of Section 14, Chapter 3, of the Revised City Ordinance of 1906, the Overseers of the Poor submit the following report for the year ending Decemberr 31, 1911,

In the following tables will be found the receipts and expenses for each month during the year, also the estimated value of all property coming under our supervision.

In 1908 the State Board of Charity, suggested a new Almshouse, the Board of that year after careful consideration thought that if 8 or 10 rooms were added to the present building, arranged for hospital purposes, the Almshouse would do for a number of years. This has never been done.

In 1909 a plan was proposed and agreed to by the Board of Overseers of the Poor and Board of Public Works: it was to move the contagious hospital, which has never been used, to a convenient location to be used for additional sleeping quarters and hospital purposes. An appropriation was asked for of $3,500.00. This was not granted, so that today we find the same conditions as in 1908. But we hope that this much needed work, or something, will be done early in 1912.

The Almshouse today, while it is inadequate and inconvenient, is a model of neatness, and the master, T. J. Begley, deserves a great deal of credit for keeping it looking so well.

We wish to express our grateful thanks and appreciation to Dr. T. E. Caulfield, City Physician, for the prompt and courteous manner in which he has responded whenever requested, to visit those who stood in need of his assistance.

ALMSHOUSE DEPARTMENT.

Financial Statement.

By City Council Appropriation	$4,600 00
By City Council Municipal Loan	1,000 00

Receipts.

By board of inmates	$382 17	
By labor	1 50	
By sale of produce	103 28	
By sale of stock	123 00	
By sale of wood (Relief of Poor Department)	373 55	
By sale of hay	273 15	
By sale of clothing and shoes	9 42	
By sale of stove	15 00	
By sale of junk	6 97	
		$1,288 04
		$6,888 04

Almshouse Expenses.

Salaries	$ 650 00
Labor	1,115 50
Groceries	1,653 33
Meats and provisions	969 21
Clothing and shoes	390 37
Medicine	108 48
Coal	465 25
Manure and freight	11 60
Grain	341 81
Hardware	44 02
Carriage repair and blacksmithing	46 99

Live-stock	85 00	
Electric light and telephone	127 18	
Water rates and ice	102 99	
Stationary and printing	5 10	
Miscellaneous	330 38	$6447 21
Transferred to Misscellaneous Department		440 83
		$6,888 04

Inmates.

	Males	Females	Total
Number of inmates Jan. 1, 1911	33	5	38
Number admitted during the year	47	2	49
Number supported	80	7	87
Number discharged	42	1	43
Number that have died during year	0	1	1
Number remaining Dec. 31st, 1911	38	5	43

Gross cost of Farm and Inmates		$6,888 04
Receipts for the year	$1,288 04	
Accounts receivable	242 54	
		1,530 58
Net cost of Farm and Inmates		$5,357 46

EXPENSES OF EACH MONTH AT THE ALMSHOUSE IN 1911

1911	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Salaries	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 16	$ 54 24	$ 650 00
Labor	73 50	72 00	98 50	98 00	98 50	98 00	98 50	98 00	98 00	98 50	98 00	86 00	1115 50
Groceries	976 33	38 77	8 29	100 01	23 32	29 73	33 00	33 56	35 36	24 90	70 74	279 32	1653 33
Provisions	81 35	71 35	74 64	67 14	82 11	88 63	75 94	134 51	7 60	103 57	115 62	66 75	969 21
Com'th Mass.	83 40											43 20	126 60
Cloth'g, Shoes	94 24	42 90		75	19 88					56 42	10 82	38 76	263 77
Medicine	20 35	5 05	13 85	8 20	6 60	9 63	6 95		13 10			24 75	108 48
Coal			43 75			231 21		190 29					465 25
Manure and Freight	56	25	8 75			40			25			1 39	11 60
Grain	10 90	28 40	21 86	34 15	16 30	39 45	12 85	48 00	16 80	46 15	27 10	39 85	341 81
Hardware	1 75	2 05	1 87		9 61	69	4 67		4 40	2 68	5 70	10 60	44 02
Carriage Rep. Blacksmithing	6 75	1 50	1 50	4 04	6 20		5 50		3 25		15 25	3 00	46 99
Live Stock			85 00										85 00
El. Light & Tel	31 65	13 50	11 25	7 80	5 80	5 20	4 00	5 34	7 95	9 67	12 22	12 80	127 18
Water Rates, Ice			27 00			22 02			24 30			29 67	102 99
Stationery		5 10											5 10
Miscellaneous	58 18	7 47	12 30	30 04	23 05	9 10	73 30	16 00	22 14	45 39	20 00	13 43	330 38
Totals	$1493 12	$342 46	$462 72	$404 29	$345 53	$588 22	$368 87	$579 86	$287 31	$441 44	$429 61	$703 78	$6447 21

Property.

Estimated value of property:	
Value of personal property Dec. 31st, 1911	$4,304 00
Value of Farm, Almshouse, and other buildings connected therewith, according to Assessors' valuation in 1911:	
Farm	7,000 00
Almshouse	6,000 00
Other buildings	4,300 00
Total	$17,300 00

Relief of Poor Department.

FINANCIAL STATEMENT.

By City Council Appropriation	$4,600 00
By City Council Proceeds Municipal Loan	1,000 00
By transfer from miscellaneous.....	61 93

RECEIPTS.

Almshouse Department Supplies ...	$192 46	
Commonwealth of Mass.	43 94	
City of Boston	130 17	
City of Cambridge	131 00	
City of Medford	5 20	
City of Chelsea	22 83	
Town of Wilmington	166 18	
Town of Reading.....	86 36	
Town of Arlington	102 68	
Town of Winchester	379 01	
Town of Wakefield	11 12	
Town of Burlington	48 47	
		1,319 42
		$6,981 35

EXPENSES.

Cash	$ 636 00	
Groceries	1,810 98	
Provisions	267 75	
Clothing and Shoes	100 25	
Fuel	807 60	
Medicine	196 25	
Hospital School	200 57	
Choate Hospital	182 00	
Care in other Hospitals	194 64	
Burials	30 00	
Carriage Repair and Blacksmithing	40 10	
Hardware	6 45	
Stationery and Printing	26 02	
Standard Oil Co.	45 83	
Commonwealth of Mass.	738 01	
Other Cities and Towns	1,651 48	
Miscellaneous	47 32	
		$6,981 35

RELIEF OF POOR EXPENSES FOR EACH MONTH OF 1911.

1911	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Orders issued..	170	141	136	89	92	75	64	93	79	117	162	141	1359
Families aided.	58	53	55	44	42	38	36	42	41	38	48	47	542
Persons aided..	253	195	196	156	152	130	131	150	154	150	150	153	1990
Cash aid.....	$ 69 00	$ 69 00	$ 69 00	$ 61 00	$ 81 00	$ 41 00	$ 41 00	$ 41 00	$ 41 00	$ 41 00	$ 41 00	$ 41 00	$ 636 00
Groceries.....	982 85			41 00	39 28		14 34		29 90	405 75	96 86	201 00	1810 98
Provisions.....	64 25	9 00	18 25	9 00	9 00	9 00	4 00	25 75	62 25		26 50	30 75	267 75
Clothing, Shoes	7 25	12 10	7 00		5 25			9 50	11 00	12 00	17 25	19 00	100 35
Fuel	173 50	118 25	111 25	40 25	23 75	25 75	11 00	22 50	21 50	47 50	127 80	84 55	807 60
Medicine	49 35	15 25	15 40	7 60	16 00	24 60	8 50	2 80		26 40		30 35	196 25
Hospital school			51 43			52 57			49 14			47 43	200 57
Choate hospital	27 00	5 00	42 00	52 50					31 50		24 00		182 00
Other hospitals					88 56		78 58			27 50			194 64
Burials			10 00		5 00	15 00							30 00
CarriageRepairs Blacksmithing	1 75	1 75	6 00	1 75		5 25	13 10	3 50	1 75	1 75	1 75	1 75	40 10
Hardware.....	2 25					20				4 00			6 45
Station'y, Prt'g	8 75	4 79			6 00		5 38				1 00	10	26 02
Standard Oil...	17 13				10 00			8 20			10 50		45 83
Comm'th Mass.	169 10		122 17		34 80	124 83		78 91		124 83	83 37		738 01
Other Cities snd Towns...	649 52	221 20		27 75		43 27	538 32	97 64			43 78	30 00	1651 48
Miscellaneous..	2 05	1 10	10 65		9 15	10 00	1 40	3 60	1 45	3 40	3 41	1 11	47 32
Totals.....	2223 75	$457 44	$463 15	$240 85	$327 79	$351 47	$715 62	$293 40	$249 49	$694 13	477 22	$487 04	$6981 35

	Woburn	Elsewhere	State	Totals
Families	96	20	4	120
Persons	300	70	13	383
Males	127	33	6	166
Females	178	37	7	222
Adults	140	27	8	175
Under 16	142	36	5	183
Over 16 and under 21	26	4	0	30

Gross cost of Relief of Poor		$6,981 35
Received for the year	$1,319 42	
Value stock in Municipal store	690 00	
Accounts receivable	557 78	
	$2,567 20	
Accounts payable	830 85	
		1,736 35
Net cost of Relief of Poor		$5,245 00

Estimated value of personal property at Municipal store Jan. 1, 1911	342 50
Increase in personal property during the year, (stock in store)	347 50
Estimated value of personal property Jan. 1, 1912	690 00

RICHARD T. MACK,
WILLIAM H. JONES,
CHARLES F. HART,
Overseers of the Poor.

Report of City Physician

To His Honor the Mayor:

In accordance with the requirements of the City Ordinances I herewith submit my report of the work done by me during the year ending January 31st, 1912.

Respectfully submitted,
THOMAS E. CAULFIELD,
City Physician.

March 14, 1912.

1911	Calls at Homes	Office Calls	Calls at Almshouse	Obstetric Cases	Vaccinations	Calls to Police Station	Accident Cases Examined for City
January	30	2	9				
February	28	3	6	1	1	1	
March	25	3	9	1			
April	35	1	5				
May	22	1	5				
June	23		4				
July	11	1	3		1	1	2
August	18	4	9				
September	11	5	4		4	1	
October	21	11	4				
November	13	4	4				
December	9	2	11		1	1	
Totals	246	37	73	2	7	4	2

Report of Sealer of Weights and Measures

Woburn, December, 31, 1911.

To the Honorable City Council:—

I herewith submit the annual report of this department for the year ending December 31, 1911.

There have been seventeen calls at the office for sealing weights and measures.

There have been twenty-five calls outside the office for sealing weights and measures.

Office work as follows:

	Adjusted	Sealed	Condemned
All kinds of scales	2	12	1
Weights		18	
Dry Measures		17	
Liquid Measures		13	
Totals	2	60	1

Outside sealing as follows:

	Adjusted	Sealed	Condemned
Number of scales over 5,000 lbs.	2	10	3
Number of scales under 5,000 lbs.	7	15	2
All other kinds of scales		1	
Weights	13	96	5
Totals	22	122	10

Expenses of Department.

Sealer's Salary	$200 00	
Team	2 50	
Finding	60	
Express and Supplies	54	
		$203 64

Income.

Office work, fees and charges	$ 00 00	
Outside work, fees and charges	20 41	
		$20 41
Deficit		$183 23

Cash Received.

Fees and charges, account of 1910	$ 2 88	
Fees and charges, account of 1911	18 67	
		$21 55

Accounts Receivable.

Fees and charges	$ 3 99

A change of sealers was made in the month of December and the present sealer came into the office too late to do any work for the year except to get out the annual report.

The above is the report made out by George F. Hosmer, the retiring sealer of weights and measures.

THOMAS J. McCOLGAN,
Sealer.

Report of Inspector of Animals

Woburn, Mass., January 19, 1912.

To His Honor, the Mayor and the Board of Aldermen, Woburn Massachusetts:

Gentlemen:—

I respectfully submit herewith my annual report ending December 31, 1911:

48 visits to J. J. Scannell's slaughetr house, Russell street. Eaxmined and stamped 1,057 swine, 74 calves, 2 heifers. Condemned and had rendered 6 calves..

28 visits to Michael Lux. Examined and stamped 516 swine and 1 calf.

56 visits to meat, provision, fish and fruit stores. I found everything in good condition.

Examined 14 peddlers' wagons.

I had killed 10 horses for glanders and two cows for tuberculosis.

I made 14 visits for the State Board of Health to different parts of the city. Stables cleansed and fumigated.

During the infantile paralysis scare I examined more than 500 swine, 1,000 fowl, 330 cows, horses, cats, dogs and other animals.

My report on the inspection of stables and cattle during the winter to follow.

Respectfully submitted,

J. N. STUART,

Inspector of Slaughter Houses, Meat, Provisions and Animals.

Woburn, Mass., January 19, 1912.

Then personally appeared the above named James N. Stuart, personally known to me, and makes oath to the truth of the statement above described to as his, before me.

WINFIELD R. LANG, Notary Public.

Report of the Cemetery Commissioners for the Year 1911

Woburn, Massachusetts, January 31, 1912.

To the Honorable Mayor and City Council of Woburn:

Gentlemen:

The Cemetery Commissioners in accordance with usual custom, hereby make the following report for the year 1911.

Our work has been carried on with the usual care and efficiency, the general work is much the same year by year and has received the usual attention as results show.. This year we have been able to accomplish much in the way of new work or construction, by using some of our old land and by digging it over and putting in new lots and avenues. We have 21 new lots which are now ready, and in the spring, more will be made ready to meet the demand for the six grave lots, making $1,500.00 worth ready for sale. This plot of land has been named Burbeen Terrace, and is one of the beauty spots of the cemetery. On Summit Avenue we have cleaned up and sowed down the knoll, putting paths through, thus making a very decided change for the better in this locality.

The construction work laid out in the new part, or west side of the cemetery has been completed, the work being done by McDonald Bros. of this city in a very satisfactory manner. This gives us new lots to the value of $7,500.00, which will be ready for sale the coming season. On the avenues and paths we have set out English Linden trees, which we feel will be an improvement over the old shade trees; also on the avenues leading to the Soldiers' Monument, we have set out 100 Catalpa trees, which, in a few years, will change the bare look of this

part of the cemetery very much. In April of this year Mr. Peter Anderson was appointed one of the Commissioners, and he has already proved a good man by his advice and constant attendance at our meetings. The old cemeteries have been looked after, fences repaired, grass cut and general care given as far as your appropriation would permit.

Much of the success of the past year is due to the able management of Superintendent Marcus H. Cotton, whose previous experience as Commissioner in charge, his ability, his faithful work of personal supervision of the smallest details of cemetery work, has convinced your Commissioners that in the choice of Mr. Cotton, they have a man eminently fitted for the situation.

The financial statement is herewith appended.

HERBERT S. DICKINSON, Chairman.
RAYMOND W. ALDRICH,
PETER ANDERSON,
A. R. LINSCOTT, Clerk.

GENERAL MAINTENANCE ACCOUNT.

Balance, January 1, 1911	$23,222 25
Received	
Sale of lots	630 00
Foundations	340 28
Removals	7 00
Opening graves	394 00
Dressing	141 50
Recording	4 00
Labor	468 35
Use of tomb	5 00
Interment of ashes	2 00
Flowers	1 75
Stone	33 00
Care of lots	922 00
Care of endowed lots	954 07

Care of old burial grounds, 1910-1911	200 00
Interest on investments	868 00
Interest Woburn Five Cents Savings Bank	17 78
Interest, Woburn National Bank	62 16
	$28,273 14

Expended.

Alden, Frank A., dressing	$84 00
Ames, C. W., labor	11 22
Andrews Print, printing	16 00
Annin & Co., flags.....	7 45
Barker Lumber Co., stock	6 13
Blye, H. B., supplies.....	8 40
Boston & Maine R. R., freight	63 58
Boutwell, C. P., teaming	42 00
Central Hardware Co., supplies	143 66
Cotton, M. H., general supervision and clerical work	250 00
Cotton, M. H., postage, etc.	10 72
Ellis, J. M. & Sons, labor	5 00
Foss, E. E., sharpening and repairing lawn mowers	20 25
Framingham Nursery, shrubs	44 50
Hart & Co., express	4 10
Hart, George G., sprinkler.....	2 25
Hern, John J., teaming	192 73
Jackson, Lewis R., bouquets	7 00
Jaquith & Co., cement and phosphate	30 00
Jones, William B., surveying.....	27 00
Linscott, A. R., services as clerk	25 00
Loughlin, May L., typewriting	1 60
McDonald Bros., grading	3,822 47
Moore & Parker, supplies	2 10
O'Neil, Rosa A., sods	26 90

Shaw & Campbell, labor and stock	45
Simpson, J. W., plants	73 55
Smith, David U., single grave lot deeded to city	10 00
Smith, Paul R., services	3 69
Thompson, M. A., services	3 00
West Street Nursery, trees	25 00
Wiggin, J. B., dressing	30 86
Woburn, City of, moth work	14 50
Woburn, City of, water rates	36 79
Woburn Hardware Co., supplies	33 88
Woburn Five Cents Savings Bank, rent of box	10 00
Woburn Iron Foundry, markers	12 75
Woburn Machine Co., stock and labor	27 93
Pay-rolls, workmen	3,374 17
Balance to new account December 31, 1911	19,762 51
	$28,273 14

Balance consists of:—

City of Newton bond, 4s, 1918	$1,000 00
American Tel. & Tel. Co. bonds, 4s, 1929	2,000 00
Concord & Montreal R. R. bond, 4s, 1920	1,000 00
City of Woburn bonds:	
Sewer loan, 1906, 4s	1,000 00
New High School Loan, 1907, 4s	3,000 00
Municipal Loan, No. 2, 1909, 4s, reg.	7,000 00
Playground Loan, 1909, 4s	2,000 00
Deposit, Woburn Five Cents Savings Bank	458 37
Deposit, Woburn National Bank "inactive account"	1,062 16
Deposit, Woburn National Bank	1,241 98
	$19,762 51

Statement of All Cemetery Funds, December 31, 1911.

Class 1	$19,762 51
Class 2	2,762 67
Class 3	4,538 32
Class 4	14,326 51
Class 5	16,778 81
	$58,168 82

ANNUAL REPORT

OF THE

CITY SOLICITOR

OF THE

CITY OF WOBURN

For the Year Ending 1911

THE NEWS PRINT, WOBURN MASS
1912

Report of the City Solicitor

Woburn, March 1, 1912.

To the Honorable Mayor and City Council:

Gentlemen:—The following is report of my doings during the year 1911:

In the case of Edward E. B. Adams vs the City of Woburn, which was an action for assessment of damages caused by the taking of certain land bordering on Horn Pond for water purposes. A final decree was entered by the Court ogf Appeals sustaining the findings of Justice Lowell of the Lower Court. The total amount allowed by execution being about twenty-three thousand (23,000) dollars.

At the beginning of the year 1911 the following cases were on the docket of the Superior Court at Cambridge:

1. Grace Hungerford vs. the City of Woburn for injuries on account of a post located in the sidewalk on Church avenue.
2. Katherine Gravell vs. the City of Woburn for injuries on account of a defect caused by the relaying of the water main on North Warren street.
3. John F. O'Brien vs. the City of Woburn. An action of tort for personal injuries caused by an alleged defect in Main street.
4. Patrick Woods vs. the City of Woburn. An action of tort to recover an amount alleged to be due him for wages.
5. C. E. O'Brien vs. the City of Woburn. An action of tort for injuries to person and property caused by an alleged defect in South Bedford street.
6. John J. Flaherty vs. the City of Woburn. An action of tort for personal injuries caused by an alleged fall of a gravel bank. Although still indisposed of, this action is practically settled.

7. Mary J. Weldon vs. the City of Woburn. An action of tort for damages caused by the overflow of water on High street.

8. Lizzie Baker vs. the City of Woburn. An action of tort for personal injuries caused by an alleged defect in Lowell street.

In the Fourth District court of Eastern Middlesex located at Woburn, the following cases were on the docket in January, 1911:

1. John M. Copeland vs. the City of Woburn. An action of tort for injuries to a horse caused by an alleged defect in Salem street.

2. Percy Linscott vs. the City of Woburn. An action of tort for injuries to a horse on account of a defect in a man-hole of the sewer at the corner of Montvale avenue.

3. Rose Crosby vs. the City of Woburn. An action of tort for an alleged defect in Main street, N. Woburn.

4. W. P. Sevrens vs. the City of Woburn. An action of tort for injuries to cattle. This case was settled on payment of twenty-five ($25) dollars without costs.

The case of Rose Crosby was disposed of on the issuing of execution for the amount of five hundred ($500) dollars.

The case of Mary J. Weldon as settled by agreement for three hundred ($300) dollars.

In the action of Percy Linscott vs. the City of Woburn, same was disposed of on judgment for seventy-five ($75) dollars.

There still remains on the Superior Court docket, on March 1, 1912, the following cases:

Grace Hungerford vs. the City of Woburn.

Katherine Gravell vs. the City of Woburn.

John O'Brien vs. the City of Woburn.

Patrick Woods vs. the City of Woburn.

C. E. O'Brien vs. the City of Woburn. (Dismissed April 3, 1912.)

John Flaherty vs. the City of Woburn.

Ada Munroe vs. the City of Woburn. This action is for injuries sustained by Mrs. Munroe on account of the City's not taking land on Union street for the purpose of widening.

On the docket of the Fourth District Court at Woburn, are the following cases:

John Copeland vs. the City of Woburn, remains undisposed of.

The case of E. Hunter vs. the City of Woburn for an alleged defect in Lake avenue still remains undisposed of.

Several minor cases against the City of Woburn were disposed of during the year by hearings before the Committee on Claims who reported favorably in many cases, to the City Council, and the City Council upheld and favored their reports. Legal opinions have been given on several occasions during the year by this Department at the request of the several departments of the City. The probable amount of damages caused by defective highway in the City can be easily placed at a lower figure at the prseent time than for several years past. I believe that a majority of the claims for damages against the City vcan be adjusted more favorably, if they were to receive the immediate attention of the Committee on Claims or if the City Solicitor was authorized to make instantaneous adjustment, up to, and including the amount of say one hundred ($100) dollars. Most of the damages sustained, as a general rule, are of a very trivial nature and the claimant hesitates before applying to some attorney for advice. If they were given to understand that the City Solicitor or some person in authority had the right to settle claims, it would be a very easy matter to adjust them, thereby saving the City, in most instances, costs, which amounts to more than the case might have been settled for in the beginning if attended to by some person in authority with power to settle same.

D. L. SULLIVAN,
City Solicitor.

ANNUAL REPORT

OF THE

ASSESSORS

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of Assessors for 1911

Woburn, Mass., Dec. 31, 1911.

To the Honorable City Council:

Gentlemen:—The Assessors respectfully report that they have made assessments on the following valuation of property for the year 1911, viz.:

Real estate	$9,135,389 00
Personal estate	2,425,981 00
	$11,561,370 00
Rate of tax on $1,000.00	$20 30
Number of polls assessed, 4,493, at $2.00 each	$8,986 00

Amount Raised by Taxation.

City tax	$190,430 00
State tax	16,885 00
Metropolitan sewer tax	11,883 88
Metropolitan park tax	6,212 61
Charles River Basin tax (New tax)	2,785 71
State Highway tax	101 50
County tax	10,780 58
Executions	800 00
Overlayings	3,674 71
Street watering	1,746 29
Sidewalk and edgestone (apportionment)	86 89
Non-resident bank tax (Woburn National)	88 10
Non-resident bank tax (First National)	31 26
	$245,506 53

Number of Residents Assessed on Property.

Individuals	1,951
All others	388

Number of Non-Residents Assessed on Property.

Individuals	1,078
All others	205

Number of persons assessed poll tax only	3,382
Number of persons assessed on property	3,622
Number of horses assessed	636
Number of cows assessed	315
Number of other cattle assessed	1
Number of swine assessed	128
Number of fowl assessed	4,450
Number of houses assessed	2,712

Value of Property Exempt from Taxation.

Literary Institutions	$117,143 66
Charitable Institutions	145,072 03
Houses of religious worship	355,150 00

Respectfully submitted,

ARTHUR E. GAGE,
JAMES H. CONNOLLY,
BERNARD F. McHUGH,
Assessors.

ANNUAL REPORT

OF THE

Collector of Taxes

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of Tax Collector for 1911

Woburn, Mass., Jan. 15, 1912.

To the Honorable City Council:

In accordance with the requirements of the City Ordinances I submit herewith a statement of the receipts, abatements and payments on taxes for the year ending Dec. 30, 1911:

Taxes, 1907.

To balance Jan. 1, 1911	680 10	680 10
By taxes collected from Jan. 1, 1911 to Feb. 1, 1911.....	65 10	
By taxes abated.....	615 00	680 10
Taxes collected from Jan. 1, 1911, to Feb. 1, 1911.....	65 10	
Interest collected from Jan. 1, 1911 to Feb. 1, 1911.....	3 90	
Fees collected from Jan. 1, 1911, to Feb. 1, 1911	6 10	
		75 10
Paid to Treasurer on taxes	65 10	
Paid to Treasurer on interest	3 90	
Paid to Treasurer on fees.....	6 10	
		75 10

Taxes, 1908.

To balance Jan. 1, 1911	3,311 82	3,311 82
By taxes collected from Jan. 1, 1911 to Jan. 1, 1912	845 44	
By taxes abated.....	1,776 93	
By balance uncollected Jan. 1,1912	689 45	
		3,311 82
Taxes collected from Jan. 1, 1911, to Jan. 1, 1912	845 44	
Interest collected from Jan. 1, 1911 to Jan. 1, 1912	110 19	
Fees collected from Jan. 1, 1911 to to Jan. 1, 1912	148 80	
		1,104 43
Paid to Teasurer on taxes	845 44	
Paid to Treasurer on interest	110 19	
Paid to Treasurer on fees.....	148 80	
		1,104 43

Taxes, 1909.

To balance Jan. 1, 1911	25,032 21	
To added taxes	75 24	
		25,107 45
By taxes collected from Jan. 1,1911 to Jan. 1, 1912	20,911 04	
By taxes abated.....	4 00	
By balance uncollected Jan. 1, 1912	4,192 41	
		25,107 45
Taxes collected from Jan. 1, 1911 to Jan. 1, 1912	20,911 04	
Interest collected from Jan. 1, 1911 to Jan. 1, 1912	1,888 00	
Fees collected from Jan. 1, 1911 to Jan. 1, 1912	298 50	
		23,097 54

Paid to Treasurer on taxes	20,911 04	
Paid to Treasurer on interest	1,888 00	
Paid to Treasurer on fees.....	298 50	
		23,097 54

Taxes, 1910.

To balance Jan. 1, 1911	61,321 46	61,321 46
By taxes collected from Jan. 1,1911 to Jan. 1, 1912	36,175 38	
By taxes abated.....	190 37	
By balance uncollected Jan. 1,1912	24,955 71	
		61,321 46
Taxes collected from Jan. 1, 1911 to Jan. 1, 1912	36,175 38	
Interest collected from Jan. 1, 1911 to Jan. 1, 1912	1,008 86	
Fees collected from Jan. 1, 1911 to Jam. 1, 1912	145 60	
		37,329 84
Paid to Tresaurer on taxes	36,175 38	
Paid to Treasurer on interest	1,008 86	
Paid to Treasurer on fees.....	145 60	
		37,329 84

Taxes, 1911.

To commitment	245,506 53	
To added taxes	1,322 81	
		246,829 34
By taxes collected from Sept. 1, 1911, to Jan. 1, 1912.....	184,421 95	
By taxes abated.....	2,510 78	
By balance uncollected Jan. 1, 1912	59,896 61	
		246,829 34

Taxes collected from Sept. 1, 1911 to Jan. 1, 1912	184,421 95	
Interest collected from Sept. 1, 1911, to Jan. 1, 1912	84 60	
		184,506 55
Paid to Treasurer on taxes	184,421 95	
Paid to Treasurer on interest	84 60	
		184,506 55

Excise Tax for 1911.

To excise tax on The Bay State Street R. R. Co	1,626 76	
To excise tax on Lexington & Boston Street R. R. Co.	293 60	
		1,920 36
Paid to Treasurer on excise tax .	1,920 36	1,920 36

Sidewalk and Edgestone Assessment for 1909.

To balance uncollected Jan. 1,1911	305 92	
		305 92
By taxes collected from Jan.1,1911, to Dec. 1, 1911	305 92	
		305 92
Taxes collected from Jan. 1, 1911, to Dec. 1, 1911	305 92	
Interest collected from Jan. 1,1911, to Dec. 1, 1911	44 07	
Fees collected from Jan. 1,1911, to to Dec. 1, 1911	3 00	
		352 99
Paid to Treasurer on taxes	305 92	
Paid to Treasuer on interest ...	44 07	
Paid to Treasurer on fees.....	3 00	
		352 99

1910.

To balance uncollected Jan. 1,1911,	872 75	
To added taxes	10 19	
		882 94
By taxes collected from Jan. 1, 1911, to Jan. 1, 1912	634 49	
By balance uncollected Jan. 1, 1912	248 45	
		882 94
Taxes collected from Jan. 1, 1911 to Jan. 1, 1912	634 49	
Interest collected to Jan. 1, 1912	18 04	
		652 53
Paid to Treasurer on taxes	634 49	
Paid to Treasurer on interest	18 04	
		652 53

1911.

To commitment	2,427 41	
		2,427 41
By taxes collected from April 27, 1911, to Jan. 1, 1912.....	1,689 38	
By taxes apportionated	137 14	
By balance uncollected Jan. 1,1912	600 89	
		2,427 41
Taxes collected from April 27, 1911, to Jan. 1, 1912.....	1,689 38	
Interest collected to Jan. 1, 1912	1 96	
		1,691 34
Paid to Treasurer on taxes	1,689 38	
Paid to Treasurer on interest	1 96	
		1,691 34

BERNARD J. GOLDEN,
Collector of Taxes for the City of Woburn.

ANNUAL REPORT

OF THE

CITY TREASURER

OF THE

CITY OF WOBURN

For the Year Ending 1911

THE NEWS PRINT, WOBURN MASS
1912

Report of the City Treasurer

Office of the Treasurer, January 15, 1912.

To the Honorable City Council:

Gentlemen:—I hereby submit my report of the financial operations of the City for the year ending December 31, 1911.

This report includes statements of the various trust funds belonging to the City, with the exception of the funds of the Woburn Public Library and Woburn Cemetery. Reports as to these funds appear in connection with the reports of the Woburn Public Library Trustees and of the Cemetery Commissioners respectively.

Respectfully submitted,

JAMES F. McGRATH,

City Treasurer.

ACCOUNT OF THE CITY TREASURER.

Dr.

Cash balance, January 1, 1911	$7,625 12
Abatements and Overlayiings, 1907	37 38
Almshouse	2,288 04
Armory	1,358 09
Burial Indigent Soldiers and Sailors	111 00
Court House	500 00
Election Expenses	500 96
Executions	9,000 00
Fire	6,368 80
Golden, Bernard J., Coll. 1907	102 48
Golden, Bernard J., Coll. 1908	845 44
Golden, Bernard J., Coll. 1909	20,911 04
Golden, Bernard J., Coll. 1910	36,175 38
Golden, Bernard J., Coll. 1911	184,421 95
Golden, Bernard J.,Coll. Sidewalk and Edgestone 1909	305 92
Golden, Bernard J., Coll. Sidewalk and Edgestone 1910	634 49
Golden, Bernard J., Coll. Sidewalk and Edgestone 1911	1,689 38
Health	1,539 30
Highways	31,526 15
Insurance	1,500 00
Interest Municipal Debt	6,634 90
Interest Water Debt	3,540 00
Lockup	2 35
Military Aid, State	18 00
Miscellaneous	17,452 94
Municipal Building	905 65
Police	1,888 50
Amount carried forward	$337,833 17

Amount brought forward	$337,833 17
Printing and Stationery	40
Public Property	264 12
Public Property, Moths	11,137 81
Public Property, Sprayer Repairs	139 28
Real Estate held or Taxes	35 27
Relief of Poor	2,381 35
Safes and Vault Fittings	50 00
Salaries	1,861 80
Schools	5,948 41
Sidewalk and Edgestone Construction	2,858 47
Sinking Fund, 1874	17,500 00
Soldiers' Relief	1987 80
State Aid	4,197 00
Street Lights	8,33 85
Street Watering Maintenance	305 64
Temporary "Execution" Loan	14,000 00
Temporary Loans	199,894 36
Water Works Construction	1,992 73
Water Works Construction, Relaying Mains	25,000 00
Water Works Maintenance	51,240 02
Woburn Public Library	1,118 98
Woburn Sewerage System Construction	5,935 35
Woburn Sewerage System Maintenance	43 00
Municipal Loans, 1908, Municipal	5,000 00
1909, Municipal, No.1	4,000 00
1909, Municipal, No. 2	1,000 00
Water Loans, 1906	1,000 00
1907	2,000 00
1908, No. 1	1,000 00
1908, No. 2	1,000 00
1909, No. 1	1,000 00
1909, No. 2	500 00
1910,	1,000 00
Amount carried forward	$710,359 41

Amount brought forward	$710,359 41
Cash overdrawn, December 31, 1911	5,049 60
Total	$715,409 01

Cr.

Abatements and Overlayings, 1907	$37 38
Abatements and Overlayings, 1908	37 38
Almshouse	6,888 04
Almshouse Repairs	335 86
Armory	1,308 00
Block System	430 00
Burial Indigent Soldiers and Sailors	111 00
Charles River Basin Assessment	2,785 71
Contingent Fund, Board of Public Works	34 75
Contingent Fund, Mayor	50 00
County Tax	10,780 58
Court House	500 00
Election Expenses	2,300 96
Executions	22,985 30
Fire	20,918 80
Health	2,820 90
Highways	32,509 49
Highways, Hart Street	862 47
Insurance	399 07
Interest Municipal Debt	20,634 90
Interest Sewer Debt	180 00
Interest Water Debt	3,540 00
Lockup	177 35
Memorial Day	450 00
Metropolitan Park System, Maturing Bonds	11 88
Metropolitan Park System, Sinking Fund	825 63
Metropolitan Park System, Interest	2,326 01
Metropolitan Park System, Maintenance	3,049 09
Amount carried forward	$137,290 55

Amount brought forward	$137,290 55
Metropolitan Sewerage System, Sinking Fund	2,655 18
Metropolitan Sewerage System, Interest	4,829 67
Metropolitan Sewerage System, Maintenance	4,399 03
Miscellaneous	13,240 89
Municipal Building	2,130 65
New Water Pump	11,493 13
Old Burial Grounds	200 00
Playground	3 50
Playground Equipment	378 00
Police	16,888 50
Printing and Stationery	1,600 40
Public Property	1,264 12
Public Property, Ball Field	165 04
Public Property, Common Hedge	137 35
Public Property, Hose House Repairs	154 35
Public Property, Moths	11,717 66
Public Property, Shade Trees	288 52
Relief of Poor	6,981 35
Safes and Vault Fittings	1,215 00
Salaries	12,861 80
Schools	72,642 21
Sidewalk and Edgestone Construction	5,022 64
Sinking Fund, 1874	17,500 00
Soldiers' Relief	1,187 80
State Aid	4,740 00
State Tax	16,885 00
State Highway Tax	101 50
St eet Lights	15,133 85
St-eet Watering Maintenance	2,051 93
Temporary Loans	200,592 61
Water Works Construction	1,992 73
Water Works Construction, Relaying Mains	25,640 48
Amount carried forward	$593,385 44

Amount brought forward	$593,385 4
Water Works Construction, Mains, Houghton Street	215 0
Water Works Construction, Rock Street	485 7
Water Works Maintenance	51,240 0
Woburn Public Library	5,118 9
Woburn Sewerage System, Construction	7,270 1
Woburn Sewerage System, Maintenance	1,043 6
Municipal Loans, 1901, Municipal	4,000 0
1902, Municipal	2,000 0
1902, Soldiers' Monument	300 0
Sidewalk and Edgestone	1,000 0
1903, New High School Building, No. 1	3,000 0
1904, Highway, No. 2	1,500 0
1904, Municipal	1,000 0
1904, Highway, No. 3	1,000 0
1905, Highway, No. 2.	500 0
1905, Highway No. 3	500 0
1905, Highway No. 4	500 0
1905, Highway, No. 5	500 0
1905, Fire Department	600 0
1905, Schoolhouse	650 0
1905, Municipal, No. 1	500 0
1905, Sidewalk and Edgestone, No. 1	500 0
1905, Municipal, No. 2	1,500 0
1906, New High School Building, No. 2	1,000 0
1906, New High School Building, No. 3	400 0
1906, New High School Heating and Ventilating No. 4	500 0
Amount carried forward	$680,209 01

Amount brought forward		$680,209 01
	1906, Municipal	4,000 00
	1906, Central Square Fire Station	1,000 00
	1907, Municipal	4,000 00
	1907, New High School Building, No. 5	1,000 00
	1908, Municipal	5,000 00
	1908, Sidewalk and Edgestone	500 00
	1909, Municipal, No. 1	4,000 00
	1909, Municipal, No. 2	1,000 00
	1909, Playground	500 00
	1910, Municipal	5,000 00
Sewer Loans,	1895, No. 4.	1,000 00
	1906, No. 15	200 00
	1908, No. 16	500 00
Water Loans	1906	1,000 00
	1907,	2,000 00
	1908, No. 1	1,000 00
	1908, No. 2	1,000 00
	1909, No. 1	1,000 00
	1909, No. 2	500 00
	1910	1,000 00
Total		$715,409 01

JAMES F. McGRATH, TREASURER, IN ACCOUNT WITH THE JONATHAN THOMPSON TRUST FUND.

Dr.

Balance, January 1, 1911	$2,264 85
Received:	
City of Woburn, interest on bonds	60 00
Amount carried forward	$2,324 85

Amount brought forward	$2,324 85
City of Woburn, loam	5 00
Woburn National Bank, interest on deposit	2 14
P. H. O'Brien, rents collected	630 00
A. R. Linscott, rents collected	126 00
A. R. Linscott, rent of pasture, 1910-1911	30 00
A. R. Linscott, fines	6 00
	$3,123 99

Cr.

Barker Lumber Co., stock	$3 24
Bartlett, N. J. & Co., book	1 50
Blye, H. B. & Co., stock	1 12
Burleigh, F. H., labor and stock	3 50
Carter, Mary W., services	200 00
Central Hardware Co., stock	63
Dennison Mfg. Co., supplies	1 34
Eames & Carter, coal	15 50
Edison Electric Illum. Co., lighting	33 10
Farquhar, David, binding books	13 72
Grammar, W. D., labor	15 50
Hart, George G., sprinkler	2 25
Harvard Co-operative Society, books	4 53
Lang, E. G., subscriptions	61 55
Lauriat, Chas. E. Co., books	6 74
Lewis, D. H., stock and labor	15 11
Linscott, A. R., services	40 00
Linscott, A. R., book	50
Logan, Francis, labor	9 50
North Woburn Coal Co., coal	43 50
Palmer, Frank W., labor	6 48
Quigley, T., Jr., labor	20 00
Ring, T. J., stock and labor	18 17
Shaw & Campbell, stock and labor	50
Sherburne, C. B., labor	34 00
Amount carried forward	$551 98

Amount brought forward	$ 551 98
Smith, C. E., stock and labor	4 80
Woburn, City of, water rates	36 90
Woburn Hardware Co., supplies	15 75
Young, Charles, labor	7 68
Balance to new account	2,506 88
	$3,123 99

Balance consists of:

City of Woburn, Municipal bond, loan No. 2, 1909	$1,000 00
Deposit, Woburn Five Cents Savings Bank	1,302 14
Deposit, Woburn National Bank	204 74
	$2,506 88

SPECIAL TRUST FUNDS FOR CARE OF LOTS IN CALVARY CEMETERY.

Mary Kelley	$100 00	5-Cents	Savings	Bank,	Book	16747
Daniel McCarthy	100 00	"	"	"	"	18251
John Quealy	300 00	"	"	"	"	22478
Mary Leahy	100 00	"	"	"	"	23681
Anne Gaffney	100 00	"	"	"	"	23853
Sarah McGaffigan	150 00	"	"	"	"	25381
Patrick Donahue	300 00	"	"	"	"	27639
Celia Callahan	100 00	"	"	"	"	27865
Bridget Kelley	100 00	"	"	"	"	27933
P. W. Kinney	115 00	"	"	"	"	31517
William O'Brien	100 00	"	"	"	"	32318
Philip O'Melia	100 00	"	"	"	"	33392
Thomas Moore	200 00	"	"	"	"	34434
Margaret Canty	130 00	"	"	"	"	35038
	$1,995 00					

The income to July 1, 1911, from these investments, amounting to sixty-seven dollars and twenty-six cents ($67.26) has been paid to the Superintendent of Calvary Cemetery and his receipt taken therefor.

MARSHALL TIDD SCHOLARSHIP FUND.

Dr.

Balance, January 1, 1911	$3,000 00
Received of the City of Woburn, interest on bonds	120 00
	$3,120 00

Cr.

Paid to committee for distribution of prizes.....	$120 00
Balance, January 1, 1912	3,000 00
	$3,120 00

Invested in Woburn Water Bonds, Loan of 1906, 4s, Nos. 8, 9, 10, due July 1, 1914, 1915, 1916	$3,000 00

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WORKS

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Report of the Board of Public Works for the Year 1911

Woburn, Mass., December 30th, 1911.

To the Honorable City Council:

Gentlemen:—In compliance with the requirements of Section 14, Chapter 3 of the Revised Ordinances, the Board of Public Works herewith submits its fourteenth annual report of the affairs of the departments under its control covering the year ending December 30th, 1911: The following is a statement of the appropriation and expenditures of the several bureaus during the year:

Block Syestem.

Appropriation	$430 00
Expended	428 75
Balance	$1 25

Contingent Fund.

Appropriation	$34 75
Expended	24 35
Balance	$10 40

Salaries.

Appropriation	$1,500 00
Expended	1,500 00

Bureau of Highways.

Appropriation		
Streets	$31,526 15	
Hart Street (Special)	868 34	
Sidewalks and Edgestone	5,296 93	
Street Watering	2,051 93	
		$39,743 35
Epxended:		
Streets	$32,509 49	
Hart Street (Special)	862 47	
Sidewalk and Edgestone	5,022 64*	
Street Watering	2,051 93	
		$40,446 53
Overdrawn		$703 18

Bureau of Sewers.

Appropriation:		
Maintenance	$1,043 60	
Construction	7,044 01	
		$8,087 61
Expended:		
Maintenance	$752 31	
Construction	7,270 16	
		$8,022 47
Balance		$65 14

*$1,504.77 will be refunded to the city on account of betterment; and $1,149.97 on account of private work.

Bureau of Public Buildings and Grounds.

Appropriations:		
Almshouse repairs	$500 00	
Armory	1,833 00	
Court House	500 00	
Common (Grading, etc.)	175 00	
Hose House repairs	202 13	
Library Park Ball Field	200 00	
Moths	11,687 81	
Municipal Building	2,130 65	
Playground (Hudson Street)	575 64	
Public Convenience Station	350 00	
Public Property	1,264 12	
Safe and Vault Fittings	1,215 00	
Shade Trees	319 17	
Sprayer, repairs	139 28	
Street Lights	15,133 85	
		$36,225 65

Expended:	
Almshouse repairs	$335 86
Armory	659 29
Court House	500 00
Common (Grading, etc.)	137 35
Hose House repairs	154 35
Library Park Ball Field	165 04
Moths	11,717 66
Municipal Building	2,130 65
Playground (Hudson Street)	381 50
Public Convenience Station	
Public Property	1,264 12
Safe and Vault Fittings	1,215 00
Shade Trees	288 52
Sprayer, repairs	

Street Lights	15,133 85	
		$34,083 19
Balance		$2,142 46

Bureau of Water and Water Supply.

Maintenance Account:		
Receipts	$51,240 02	
		$51,240 02
Expended:		
Maintenance	$20,501 08	
Interest on water debt	3,540 00	
Transferred to Sinking Fund	20,873 82	
Transferred to Service Constructon	1,325 12	
Transferred to Relaying Mains	5,000 00	
		$51,240 02
Service Construction		
Receipts	$667 61	
Transfer from Maintenance Account	1,325 12	
		$1,992 73
Expended on Services		$1,992 73
New Water Mains (Rock Street.)		
Appropriation	$800 00	
Expended	700 81	
Balance		$99 19
Relaying Water Mains:		
Appropriation	$25,677 51	
Expended	25,640 48	
Balance		$37 03

New Water Pump:		
Appropriation	$10,344 25	
Expended	11,493 13	
Overdrawn		$1,148 88

In the individual reports of the Commissioners, which follows, is given a complete account of the work done in the different bureaus.

M. J. KENNEDY, Vice Chairman.
JAMES H. KELLEY,
D. D. CAREY,
WILLIAM H. CONWAY,
Board of Public Works.

Report of the Commissioner of Highways for 1911

Woburn, Mass., December 31, 1911.

To the Honorable Board of Public Works:

Gentlemen:—I herewith submit the annual report of the Highway Department for the year ending December 31, 1911. For a detailed account of the expenditures of the department you are respectfully referred to the report of the Clerk of the Board of Public Works.

I desire to call attention to the fact that we have more mileage of highways than the majority of the cities of this State, although our appropriation is small in comparison with that of many other municipalities, and it is necessary to distribute the same over a large area in repair work, leaving but a small portion of the appropriation for permanent improvements.

During the year, a new stone crusher of the Reliance make, was purchased from S. B. Plummer of Boston. After careful consideration of various sites, it was decided to locate the crusher at the City ledge in the rear of Main St. and Mann's Court, thereby eliminating the cost of a site for the same. The stone is of good quality and sufficient to last for many years. The plant not being in operation until late in the season, the past year can only be construed as a beginning on the permanent improvements of our highways, However, the department was able to resurface with stone various streets, the total length of which amounted to one and three quarters miles, in addition to resurfacing with fine stone three and three quar-

ters miles of sidewalks. Over two miles of streets were resurfaced with gravel.

Hart street, which was accepted in 1910, was partially constructed, a distance of five hundred feet northerly from Kilby street. The City Council of 1911, accepted as public highways, Fremont Street, length 323 feet, width 40 feet; extenison of Montvale road, length 2,055 feet, width 40 feet; and a section of Marion Avenue, length 193 feet, width, 50 feet.

We have made a beginning in improving the open brook that runs from Winn Street in a northesaterly direction through Park, Centre and Franklin Streets, fifty feet of twenty inch pipe being laid on the westerly side of Park Street. I would recommend that more of this open water-way be covered during the coming year, not only on account of sanitary reasons, but also to prevent overflow. As in previous years, the department has endeavored to keep the streets and gutters in the outlying districts free from weeds and grass. The streets in the centre of the City have been given special attention in the cleaning of rubbish and paper. The work of the street watering division has been carried on with satisfaction. No new street having been added to the street watering list, it was not necessary to add to the equipment of the department in this division. Main street, from Montvale Avenue to Salem Street was treated with two applications of tarvia, with the same beneficial result as attended the use of this preparation in the past. There being many places along our street lines where the fencing, protecting the public from dangerous embankments and retaining walls, was dilapidated from age, the department has erected new fencing and made repairs where necessary.

The watering troughs have been kept in a clean and sanitary condition. Repairs have been made to the base and approaches of several throughout the city.

Under the "Betterment Act" we have set 2635.1 feet of new edgestones, and laid 2502.4 square yards of concrete. On

petitions of abuttors there were 525.3 square yards of concrete laid. There were 283.4 feet of old edgestone reset.

In addition to the above work, necessary concrete repairs were made on existing sidewalks and cross-walks. The total number of square yards of concrete laid during the past year was four thousand and eight hundred. The department is equipped with eleven horses which enables it to do the ordinary work. In the summer months, it is necessary to employ teams from various contractors, in order to expedite the work.

In conclusion, I desire to extend my thanks to His Honor, the Mayor, City Officials and citizens who have in any way, assisted in the work of the department.

Respectfully submitted,

M. J. KENNEDY,
Commissioner of Highways.

Report of the Commissioner of Sewers for 1911

To the Honorable Board of Public Works:

Gentlemen:—I herewith submit my third and last annual report as Commissioner of Sewers. As has been the custom, no appropriation has been made for sewers until the season was fairly well advanced, but with the appropriation of $500 made last year, work was begun on High Street at the junction of Prospect, on April 25, 1911, and finished May 2, 1911 Here a 6 inch pipe was laid a distance of 314 feet, connecting six tenements, at a cost of $480.72.

On August 21,1911,with an estimated cost of $3500,the laying of a 15 inch main sewer was begun on Lake Avenue,Pickering and Border Streets, for a distance of 1242 feet, connecting six houses, the total cost of which amounted to $3,368.67. Six man holes were also constructed . As this pipe had to be laid at a 15 foot depth, a great deal of trouble was experienced on account of the loose character of the soil, which required considerable close sheathing. A 15 inch water main on Lake Avenue caused some trouble. These difficulties naturally added to the cost of the work. It is to be regretted that so much money had to be expended here where so few people were benefitted, but as this is to be the outlet for the Main Street sewer which was originally planned when the system was first started, it was deemed unwise to lay anything smaller than a 15 inch pipe. Had this been done, and a six inch pipe laid, which would have been ample, a considerable saving could have been made, both in the cost of material and labor; but as there is danger at any time of the Main Street sewer having more than

it can carry, and as this would be its only relief, the work was accordingly done.

On October 17th, 1911, the laying of an 8 inch pipe on Mishawum Road for a distance of 475 feet was begun. and the same was completed October 28th. Here three man holes were constructed, and two house connections made, the entire cost of which was $981.85. The continuation of the sewer on Mishawum Road above Cleveland Avenue had been recommended for a number of years, and it was hoped that enough money would be available to connect the houses on Cleveland Avenue, but as there was only $1000 to be spent, it was out of the question. This completed the sewer work for 1911.

The entire length of our main sewer system is 76,410 linear feet, or 14.47 miles, the total cost of which to date amounted to $159,898.27. During the last year 21 house connections were made, the length of which was 1889 linear feet at a cost of $859.63.

The total number of houses connected in the city is 1096, the length of which is 51,562 linear feet, or 9.76 miles, the total cost being $30,309.19, or 58 7-8 cents per linear foot.

The wisdom of the State Sewer Board in compelling the tanneries to instal settling basins has been shown by the large amount of foreign matter that every little while is taken from these basins. The tannery owners, however, should not be allowed to let this foreign substance remain above the ground as is now the case. They should be made to bury ot burn the same, if that is possible, as soon as it is taken out. This should be done as a health precaution. They should also be compelled to cover these basins.

There still remains a large number of houses unconnected on streets where sewers are laid, but as there have been no complaints made, so far as I am aware, to the State Board of Health, and as no nuisances have been created, no occasion to compel the owners to enter has arisen.

I have no recommendations to make for laying the sewer in any particular locality, for at the present time there are a num-

ber of petitions in for sewers in thickly settled localities, where they could be laid to good advantage. Continuing the sewer system is an important work for amny reasons, and a fixed sum should be appropriated each year for this purpose. Thickly settled localities should get the preference, all things being equal, and even then it would be wise to make sure that at least a majority of the abutters would enter after the sewer was laid.

D. D. CAREY,

Commissioner of Sewers.

January 1, 1912.

Report of Commissioner of Public Buildings and Grounds for 1911

Woburn, Mass., December 31, 1911.

To the Honorable Board of Public Works:

Gentlemen:—As required by the Revised Ordinances of the City of Woburn, I herewith submit the annual report of the Commissioner of Public Buildings and Grounds for the year ending December 31, 1911:

Almshouse.

Expended:

Repairs on Heater	$32 75
Repairs on Ice Chest	21 43
Repairs on Gutters of House	21 09
New Floor, Sheeting and Painting	65 00
Ceiling	30 00
Painting and Papering	58 86
Roofing	12 25
Cement Floor	70 53
Electric Wiring	8 70
Chimney Plaster, etc.	9 40
Brass Screws	1 75
	$340 76

In my previous reports I have urged the great need for additional sleeping accommodation at the Almshouse. I have also strongly recommended that hospital quarters be installed for the care and comfort of sick inmates. I renew these recom-

mendations, and am positive that if the board of public works and city council, will jointly investigate conditions at the city farm, that there will be no hestiation in providing funds, and completing the work that will relieve the unnatural and unwarranted congestion now existing.

Armory.

Expended:	
Coal	$197 13
Lighting	193 70
Janitor	200 00
Telephone	37 85
Janitors' Supplies	3 13
General Repairs	2 73
Water Rates	13 50
Removing Ashes	11 25
Total	$659 29

The Commonwealth paid the city for the use of the armory in 1911, $1,308.00. All expenditures were charged to this allowance, and at the end of the year there was a balance of $648.71. This balance was transferred by the city council to the miscellaneous account, and was expended for other departmental needs.

Court House and Police Station.

Expended:	
Lighting	$174 52
Fuel	286 32
Carpenter work—Floor and Doors	59 77
Plumbing	10 67
Towels	13 00
Water pipes	2 20

Electric wires	7 74
Plastering	14 38
Water Rates	9 00
Total	$577 60

Woburn receives annually $500 from the County of Middlesex for the use of the court house and police station. The entire amount was consumed in meeting the above outlay, and was insufficient, it being necessary to charge $77.60 to the public property appropriation.

City Stables and Yard.

Minor repairs were made at the city stables, costing $44.80, the work consisting entirely of rebuilding stalls. I am still of the opinion that a building for storage purposes should be erected, to avoid the necessity of paying rent approximating $240 a year, and to properly house city apparatus, which for lack of room is now permitted to stand in the yard exposed to all kinds of weather.

Fire Department Buildings.

Expended:

Hook and Ladder House:—

Repairing Water pipes	$3 41
Repairing Heater	1 10
Plumbing	1 50
Carpenter work	57 88
Total	$63 89

Station One:—

Expended:

Repairing Water pipes	$ 2 80
General Repairs	13 11
Painting	12 25
Gas Fixtures	94
Glass	45
Total	$29 55

Station Two:—

Expended:

Wires	$6 25
Repairing Heater	3 63
Repairing Stall	19 80
Total	$29 68

Sation Three:—

Expended:

Heater	$55 35
General Repairs	34 42
Rent of Land	5 40
Teaming Ashes	3 75
Total	$98 92

Station Five:—

Expended:

General Repairs	$43 88
Rent of Land	73 49
Total	$117 37

Station Six:—

Expended:

General Repairs	$23 00
Painting	3 45
Plumbing	2 30
Total	$28 75

Sixty dollars a year is paid for the use of a building in High street in which fire equipment is stored, making the total cost of care and maintenance of fire department buildings during the year $428.16.

Municipal Building.

Expended:

Janitor's Salary	$600 00
Fuel	589 05
Lighting	329 54
Janitor's Assistants	119 83
Janitor's Supplies	46 46
Cleaning Carpets	19 72
Teaming Ashes	30 25
Heating Apparatus	305 21
Repairing Electric Bells and Lights	75 94
Furniture	65 25
Repairs on Safe	2 50
Gas Pipe in Vault	2 00
General Repairs	19 81
Bubblers	23 14
Cleaning Vault and Basement	40 00
Safes	790 00
Vault Fittings	425 25
Towels	13 00
Awning	2 00
Total	$3,498 95

The state commissioner of public records, after examining the method of safeguarding city records, notified His Honor the Mayor, and the City Council, that more adequate fire proof protection would be required to conform with the law. He condemned the combustible wooden shelves in the vaults used by the city clerk, and the board of assessors, and ordered their replacement with fireproof fittings.

As a result of the attitude taken by the state inspector, new safes were purchased and installed in the offices of the City Treasurer, Collector of Taxes, Board of Overseers of the Poor, and the school committee at an expense of $790.00.

The condemned shelves in the vaults were replaced by steel fittings. Cost $425.25.

Ambulance.

The cost of maintaining the ambulance was $460.10. This expense was divided, $300 for storage and $160.10 for calls.

Public Grounds.

Expended:

Timothy E. Keating, care of Common, Wyman Green, Hammond Green and Memorial Green	$210 00
Thomas Sheeran, care of Montvale Park	60 00
Teaming seats, Common	2 00
Repairing Fence, Common	2 69
Repairing Flagstaff, Common	14 76
Hedge	11 04
Shrubs	91 60
Grading	37 50
Loam	5 00
Survey	3 25
Meter—Band Stand	5 00
Printing	6 00
Auto Hire—Inspection of Land	5 00

Pruning Shrubbery, Memorial Green	4 85
Pruning Shrubbery, Wyman Green	5 35
Care of Fountain, Wyman Green	26 70
Repairs, Lawn Mowers, Purchasing Hose and Supplies	41 20
Total	$531 94

Library Park.

Expended:

Timothy E. Keating, care of grounds	$ 32 00
Grading Ball Grounds	116 43
Supplies	23 28
Mowing Grass	4 50
Bubblers	66 19
Repairs on Fountain	12 46
Lights	33 70
Ball Bases	16 00
Total	$304 56

Forest Park.

Expended:

Repairs on Fountain	$ 3 00
Mowing Grass	8 50
Total	$11 50

South End Playground.

Expended:

Mowing Grass	$ 7 00
Apparatus	275 28
Setting up Apparatus	130 00

Care of Grounds	4 75
Bubbler	28 54
Total	$445 57

Additional equipment was erected at the playground, and if the property is properly protected no further expenditure for extra apparatus will be necessary for some time. In my judgment it would be advisable in order to get the best results, to employ a trained supervisor at the playground during the school vacation periods. Under present conditions much of the expensive equipment is being maliciously destroyed by persons who frequent the grounds for no other purpose. These same persons interfere with children who enjoy the use of the apparatus, and there is no indication that anything is being done to prevent this outrageous rowdyism and vandalism.

Insurance.

A question of public policy, which caused considerable difference of opinion, with the board of public works, and a majority of the City Council on one side, and the Mayor on the other, was the question of renewing insurance on public buildings, the blanket policies which had been in vogue for five years, expiring on April 1, 1911.

The City Council passed a loan of $6,500 to be used for a renewal of the blanket system, the money to be expended under the direction of the board of public works.

Mayor Murray raised the point that the only municipal body with authority to place insurance on school buildings and contents, was the school board, but the board of public works regardless of the fact that their jurisdiction was disputed, distributed the insurance equally among all legitimate local agencies.

Later the board voted to cancel all insurance being carried on public buildings, with the understanding that Mayor Mur-

ray would recommend establishing a sinking fund for protection against fire losses to the City Council.

The total cost of carrying the insurance as placed by the board of public works was $399.07.

This amount added to an expenditure of $100 paid to Timothy J. Ring, for expert advice in appraising the depreciation in value of all public buildings since the previous policies were written five years before, made the expenditure for insurance $499.07.

Shade Trees.

Expended:	
Trees	$240 00
Lumber	38 37
Expressing	35
Team	3 00
Pruning	6 80
Total	$288 52

Following the custom inaugurated a few years ago 100 shade trees were purchased and planted along some of the principal thoroughfares. I recommend that this custom be continued for several years to come, until shade trees have been placed on every highway in the city.

Suppression Of Gypsy and Brown Tail Moths.

The cost of moth work for the past year was $11,717.66.

During the year a reimbursement of $3,509.87 was received from the state. The usual method of treating the moths, pruning, burlapping, spraying, applying tanglefoot, and cutting underbrush, was continued. A new spraying machine was purchased, the city paying $550, one half of the cost, the state paying the balance. The machine is the property of the city of Woburn and was a great asset in the work of moth suppression last summer.

The state authorities are convinced that there is less moth infestation in Woburn in proportion to the amount of woodland to be cared for, than any other city in the state. I can see no opportunity to reduce the expenditure for moth suppression to any great extent. without allowing the infestation to increase, and I recommend that the present policy be continued, subject to the approval of the state moth department.

Street Lights.

Street lighting in 1911 cost the city $15,133.85. All night lighting was authorized during the winter months, and for the balance of the year the lights were shut off at 12.30 o'clock, according to contract. The all night lighting meets with universal public approval, and there is no good reason why the system in vogue should be discontinued.

In my last report I suggested that the lighting system be investigated, and that arc lamps, now in use in a number of places, be replaced with 40 candle power incandescents. I also suggested that lights are too numerous in some sections of the city while other sections are given no consideration. The unnecessary lamps should be taken out and placed elsewhere so that all citizens may have some benefit from street lights.

I again recommend that something along these lines be started, and I am confident that a far more satisfactory lighting system can be established without costing as much or at least no more, than is paid for street lights under present conditions. During the past twelve months 42 incandescent lights were installed, making a total of 502 incandescents and 98 arcs now in use.

Summary.

Expended:	
Almshouse	$340 76
Armory	659 29
Court House and Police Station	577 60

City Stable	44 80
Fire Department Buildings	368 16
Municipal Building	2,708 95
Safes	790 00
Ambulance	460 10
Public Grounds	531 94
Library Park	304 56
Forest Park	11 50
Playground	445 57
Suppression Gypsy and Brown Tail Moths	11,717 66
Shade Trees	288 52
Street Lights	15,133 85
Insurance	499 07
Total	$34,882 33

My position with reference to future expenditures in the department of Public Buildings and Grounds is similar to what it has been in the past.

I favor only such outlays on public buildings as may become absolutely necessary, believing that the time is not far distant when several wooden buildings owned by the city must be replaced by more modern structures. Expenditures in these buildings should be confined strictly to the cost of maintenance.

During the coming year I will gladly cooperate with the Board of Public Works and the City Council in order that the cost of maintenance may be as low as possible, and I shall recommend from time to time as occasion may demand, the completion of any and all work necessary for the efficiency of the department.

Respectfully submitted,

JAMES H. KELLEY,

Commissioner of Public Buildings and Grounds.

ANNUAL REPORT

OF THE

WATER DEPARTMENT

OF THE

CITY OF WOBURN

For the Year Ending 1911

THE NEWS PRINT, WOBURN, MASS
1912

Report of Commissioner of Water and Water Supply

December 31, 1911.

To the Board of Public Works:

I herewith submit my annual report as Water Commissioner for the year 1911. During the year the cement lined pipes in various streets as shown by the appended report of the Superintendent have been replaced by cast iron pipe and I would urge the replacing of others recommended by him as rapidly as possible as it is evident from the reduction in consumption this year, as compared with last year, was due greatly to the replacement of these old and leaky cement mains.

The Platt pump at the Pumping Station has been in continuous operation during the year except from May 29th to June 6th at which time it was necessary to shut the engine down to make it ready for the official test. At this time several changes in the piping were necessary to make it conform strictly to the conditions called for by the contract, and after the test had been made, this piping all had to be replaced in its original working position. The official test was made on June 3rd and was of twelve hours' duration, details of which are contained in the report of our Engineer, Mr. F. A. Barbour, hereto appended. During the time this work was being done it was possible to keep the City supplied with water with the old pumps by keeping them in operation twenty-four hours daily, as at that time there was a good supply of water in the old wells.

There has been quite a substantial decrease in our water

consumption during the past year. The average daily consumption being 1,856,274 gallons this year as against 2,130,108 gallons last year. This falling off is probably due to the replacing of many of the old cement lined mains with new cast iron pipe and to the fact that the manufacturing plants of the city have been using but little water.

The water in our pumping wells have been at a higher level as the draft on them has been lighter and the general conditions better. The driven wells, or Auxiliary Supply, at the westerly side of the pond have been in use constantly and have yielded a substantial supply.

The need of an auxilairy pump is very urgent as the greater part of the time there is not a sufficient quantity of water in the wells to which the old pumps are connected to supply the city and if the Platt pump should become disabled during even a moderately dry period, or when the consumption of water is large, it would be absolutely necessary to pump a large percentage of pond water. The only way of overcoming this is by placing a pump of sufficient capacity at the lower level as recommended in my report of last year. It is evident that many of our citizens do not realize the changed conditions at our pumping plant. In the early days of the Works, and for several years after, our old wells were considered almost inexhaustible, the consumption of water being small at that time. In 1892 it was but 802,076 gallons per day. Consequently the water in the ground was not lowered to any great extent. Since that time there has been a constant increase in the consumption of water until in 1910 it reached 2,130,108 gallons average daily consumption and on many days during the season it is over 3,000,000 gallons. Pumping at this rate lowers the water in the ground to six and seven feet below the bottom of the old wells.

While it was encouraging during the present year to note the decrease in consumption, there is no doubt that there still exists an extravagant consumption or waste in our system, and I think the only means of ever overcoming this is by the instal-

lation of meters on our services and I recommend that all possible haste be taken in that direction, especially where the old mains are being renewed with cast iron pipe.

Respectfully submitted,

WILLIAM H. CONWAY,

Commissioner of Water and Water Supply.

Report of Engineer

Boston, June 19, 1911.

Board of Public Works, Woburn Mass.

Gentlemen:—I beg to submit the following report of test, made June 3rd, 1911, of the vertical cross-compound pumping engine installed by the Platt Iron Works Company, under contract, dated August 2nd, 1907.

DUTY TRIAL OF ENGINE.

Duration of trial	12 hours

DIMENSIONS.

Diameter of high pressure cyclinder	18 inches
Diameter of low pressure cyclinder	36 inches
Diameter of water plunger, lower end (Nominal)	19 3-4 inches
Diameter of water plunger, lower end, (Actual)	19.72—19.73 inches
Length of stroke (Nominal)	36 inches

TEMPERATURES.

Temperature of water pumped	68 degrees
Temperature of cold feed water	64 degrees
Temperature of feed water, supplied boiler	80 degrees

Steam pressure at boiler, by gage	130 lbs.
Steam pressure at engine, by gage,	127.6 lbs.
Steam pressure in receiver by gage	10.3 lbs.
Vacuum by gage	25.3 lbs.
Water pressure, by gage on force main	
Average of 12 hours	89.21 lbs.
Average first 6 hours of test	89.58 lbs.
Average last 6 hours of test	88.83 lbs.
Distance of pressure gage to surface of water in well:	
Average of 12 hours	15.09 feet
Average first 6 hours of test	15.10 feet
Average last 6 hours of test	15.08 feet
Total lift:	
Average of 12 hours	221.16 feet
Average first 6 hours of test	222.03 feet
Average last 6 hours of test	220.28 feet

FEED WATER DATA.

Total, feed water supplied boilers	40,896 lbs.
Total weight separator compensation	371 lbs.
Total weight calorimeter waste	63 lbs.
Total weight of feed water, less separator and calorimeter wastes	40,462 lbs.
Total heat of steam at boiler pressure per lb.	1,192.8 B. T.U.
Heat of cold feed water above 32 degrees per lb.	32.4 B. T. U.
Heat necessary to raise cold feed water to boiler temperature	1,160.4 B. T. U.
Total heat necessary to raise 40,896 lbs. cold feed water to boiler temperature	47,455.718 B. T. U.
Total heat added to cold feed water, by jacket comdensation	648,112 B. T. U.
Ratio of heat added by jacket, comdensation to total heat required to raise cold feed water to boiler temperature	1.36 per cent.

Reduction made from feed water for heat of jacket condensation	558 lbs.
Feed water chargeable to engine—total asweighed less separator and calorimeter wastes, less correction for jacket returns, plus correction for 3-16 inch drip of water in boiler during test (79) lbs	39,983 lbs.
Feed water chargeable to engine on same basis during first 6 hours of test	20,525 lbs.
Feed water chargeable to engine on same basis during last 6 hours of test	19,458 lbs.

PRINCIPAL RESULTS.

Discharge of pump, by revolution counter (Rate per 24 hours):	
Average of 12 hour run	5,214,215 gals.
Average of first 6 hours of test	5,206,981 gals.
Average of last 6 hours of test	5,221.449 gals.
Discharge of pump, by weir measurement. (Rate per 24 hours):	
Average of 12 hours run	5,075,742 gals.
Average of first 6 hours of test	5,047,736 gals.
Average of last 6 hours of test	5,103,748 gals.
Percentage of slip:	
Average of 12 hour run	2.66 per cent.
Duty (Foot pounds per 1000 lbs. steam):	
Average of 12 hour run	116,900.00 ft. lbs.
Average of first 6 hours of test	113,700.00 ft. lbs.
Average of last 6 hrs. of test	120,100.00 ft. lbs.

The pumping engine is of the vertical cross-compound fly wheel type, with differential water ends—the plungers having nominal diameters of 13 7-8 and 19 3-4 inches.

All gages were tested by dead weight apparatus before and after the duty trial; the scales used in weighing the feed water

had been recently certified by the proper officials; the depth of water on the weir was taken by two hook gages—the record of the gage, placed in a stilling box outside of the weir tank, being used in the calculation of discharge. Readings of all gages were taken at fifteen minutes intervals, except those on the weir, which were read at ten minute intervals.

A competent fireman furnished a very uniform steam pressure, as near contract requirements as could be maintained; the percentage of moisture in the steam was within the specified limits; ample water was obtained from Horn Pond—the City being supplied from the reservoir; and the discharge of the pump, as recorded by the weir, can not be reasonably questioned.

The mechanical operation of the engine was in every way satisfactory, and the vibration was notably less than in the average engine of this type—a condition due to the low suction lift and freedom from air, and indicating the necessity of a provision by the City of some means of separating the air from the water drawn from the well, at low stages.

In starting the test, those in charge of the engine neglected filling the air-chambers, with the result that during the first six hours the pump ran without the cushioning effect of these chambers—rendering it difficult to accurately read the pressure gages on the force mains, and making it probable that the readings, taken during this period, were somewhat higher than the true average pressure. At the same time, there is no doubt that during this period the engine was not developing as good economy as it was capable of showing; a fact indicated by a comparison of the results of the first and last six hours of the duty trial.

The average duty obtained in the 12 hour run is 116,900,000 foot-pounds per 1000 pounds of steam, but the indications of the latter half of the trial, suggest that the engine can develop a duty of 120,000,000 ft. lbs.

It should be here stated that in estimating the steam chargeable to the engine, an allowance has been made for the heat

returned to the boiler from the jackets. Ordinarily, and under the general specifications of this contract, such an allowance would not be made, and the engine would be charged with all steam used, without credit for heat returned to the boiler. A provision inserted in the detailed specifications stipulates that the contractor shall have the privilege of returning the jacket drips to the boiler. As this could be of no advantage to the contractor, and results in a saving to the city, this provision has been interpreted to allow a credit to the contractor for the heat returned by the apparatus applied for this purpose in-so-far as this return results in a reduction of a coal consumption. The Platt Iron Works guaranteed a duty of 138,000,000 ft. lbs. per 1000 lbs. of steam, and the contract stipulates, that if the engine should fail to meet the duty the contract price shall be reduced by an amount equal to the capitalized value, at six per cent. of the yearly cost of the excess coal, figured at $5.00 per ton, necessitated by the reduced economy of the engine, when pumping daily 1,250,000 gallons against 220 ft. ahead. In estimating the coal required, the conventional evaporation of 10 lbs. of water per pound of coal, has been used.

The followimg statement shows the deduction to be made from the contract price in accordance with the foregoing provision:

Coal necessary per year to pump 1,250,000 gals. per day against 220 ft. head, if guaranteed duty of 138,000,000 ft. lbs. per 1,000 lbs. of steam had been developed, 606,250 lbs.

Coal necessary per year to do same work with duty of 116,900,000 ft. lbs. as obtained by test, 715,676 lbs.

Excess coal per year necessitated by reduced economy, 109,426 lbs. or 54.71 tons.

Excess yearly expense necessitated by reduced economy, 54.71 tons $5.00, $273.55.

Capitalized value of excess yearly cost at 6 percent. $4559.17.

Total amount to be paid for pumping engine—contract price less deduction for reduced economy, $23,915.83.

The contract further stipulates that if the duty developed

in the test does not reach 90 per cent. of that guaranteed, or 124,200,000 ft. lbs. the acceptance of the engine shall be optional with the city. There can be no question, however, that, with the loss in economy made good by the reduced price, it is to the advantage of the City to accept the engine. Further, it is to be noted, that, with the new boiler, capable of carrying 150 lbs. steam pressure—there is a possibliity of developing higher efficiency than that obtained during the test by raising the steam pressure on the engine above that furnished under the contract conditions.

Respectfully submitted.

F. A BARBOUR.

Report of the Superintendent of the Water Department for the Year 1911

Woburn, Mass., December 31, 1911.

To the Commissioner of Water and Water Supply:

Sir:— I have the honor to submit the following report on the condition of the work and operation of the department for the year ending December 31, 1911.

We commenced the relaying of our main pipe on April 10, 1911. This work was in progress until the appropriation was expended October 30, 1911.

The weather heing very favorable, considerable work was done during the past year, which will be shown by the following table stating length and size of pipe laid, and the size of pipe replaced.

The following streets were relaid:

Streets	Length laid	Size	Size of pipe replaced
Bryant	700 feet	6 inch	4 inch cement
Carter	705 feet	6 inch	4 inch cement
Garfield Ave.	1,795 feet	6 inch	4, 1, 1-2 and 3-4 inch
High	1,848 feet	6 inch	4 inch
Auburn	559 feet	6 inch	4 inch
Fairmount Ext.	155 feet	6 inch	4 inch
Walnut	700 feet	6 inch	4 inch
Everett	851 feet	6 inch	4 inch
Union	1,135 feet	6 inch	4 inch
Second	292 feet	6 inch	4 inch
Broad	1,737 feet	6 inch	4, 1 1-2 and 1 inch
Ash	745 ft	6 inch	4 inch
Buck	389 feet	6 inch	4 inch

Park	1,177 feet	6 inch	4 inch and 1 inch
Centre	872 feet	6 inch	4 inch
Church	1,068 feet	6 inch	4 inch
Charles	652 feet	6 inch	4 inch
Buckman	1,260 feet	6 inch	6 inch
Buckman Ct.	620 feet	6 inch	6 inch
Arlington Rd. from Buckman St. to Lake Ave.	346 feet	6 inch	6 inch cement
Sheridan	485 feet	6 inch	2 inch iron
Federal	450 feet	6 inch	2 1-2 inch cement
Frances	648 feet	6 inch	1 1-2 inch iron
Marion Ave	150 feet	6 inch	0

In addition to the above mentioned work, we laid 746 feet of 6 inch cast iron pipe to Clark's shop on Chester Avenue, for fire service.

On Rock Street we laid 723 feet of 2 inch pipe, which is a benefit to two families, who up to this time had no water. On Allen Street, we replaced a 3-4 inch temporary main, with 469 feet of 2 inch pipe, which gives ample supply to residents on this street. On Newbury Street, we laid 337 feet of 2 inch pipe to new house lots laid out there. On Burlington Street, we laid 127 feet of 2 inch pipe, which allows four residents of Burlington, Mass. to connect to our supply and for irrigation purposes, which is all metered.

On Mt. Pleasant Court, we replaced a 1 1-2 inch temporary main with 195 feet of 2 inch pipe, which improves the supply in this locality. On Marion Avenue off Wyman Street, we made a 6 inch connection, and laid 150 feet of 6 inch cast iron pipe; work being discontinued on account of weather conditions. The replacing of 1 1-2 inch temporary main with 6 inch cast iron main of Frances street being a great improvement, as this locality has built up extensively in the past few years.

Two hydrants were placed on this street, which affords the residents better fire protection. The new 6 inch main laid on Broad Street was not connected to Montvale Avenue, until the past year. This eliminates a dead end, and places two extra hydrants on this line of pipe.

On Garfield Avenue, the main pipe was extended about five hundred feet which was laid with 1 inch and 3-4 inch iron pipe. On Fairmount Street, were replaced 155 feet of 4 inch with 6 inch cast iron pipe.

On the extension of Rock Street, off Houghton Street, we replaced a 3-4 inch service pipe with 605 feet of 2 inch pipe, adding another water-taker to this line of pipe.

Repairs on Mains.

We had eighty-nine breaks in our main pipe. Of these, forty-seven were on 4 inch, twenty-seven on 6 inch, two on eight inch, ten on 10 inch, one on 12 inch, and 2 were on 14 inch. Of the above, nine were caused by lightning, three closing of hydrants; eight by settling of pipe; sixty-seven by thin lining, and two from rust.

Services.

There were fifty-five new services laid. Repairs were necessary upon 374. Of these, twenty-one were renewed; twenty-three required cleaning out; one hundred and forty-two were shut off for repairs;and general repairs were made on one hundred and eighty-eight.

Service Boxes.

Number of new service boxes were one hundred and four. Eight excavated and reset; six required repairing; fifty were replaced with new ones; twenty- four raised to grade, and one hundred and eighty-three were lowered.

Gates.

In the relaying of the main pipe on Bryant, Carter and Garfield Avenue, were added four 6 inch gates to our system. It was also necessary to replace seven four-inch with seven 6-inch, on this line of pipe. On High Street, were added two 6 inch, and seven 4 inch were replaced with seven 6 inch. Also replaced 4 inch gate for blow-off. On Auburn street, were added two 6 inch. On Fairmount Street, added one 6 inch. On Walnut Street, replaced two 4 inch, with two 6 inch. On Chester Avenue, added one 6 inch, for Clark's shop. On Everett Street, replaced two 4 inch with two 6 inch. On Union Street, replaced two 4 inch with two 6 inch. On Second Street, replaced two 4 inch, with two 6 inch. On Broad Street, added two 6 inch, and replaced two 4 inch with two 6 inch. On Ash Street, added one 6 inch, and replaced one 4 inch with one 6 inch. On Park Street replaced two 4 inch, with two 6 inch, and added one 6 inch. On Centre Street, replaced two 4 inch, with two 6 inch. On Church Street, replaced two 4 inch with two 6 inch, and added one 6 inch. On Charles Street replaced two 4 inch, with two 6 inch. On Buckman Street, replaced three 6 inch with three 6 inch, and added one 5 inch. On Buckman Court, added one 6 inch. On Sheridan Street, added one 4 inch gate for a hydrant. On Federal Street replaced one 2 1-2 inch with one 6 inch, and added one 6 inch, and one 4 inch. On the corner of Waltham and Lexington Streets, added one 6 inch. On Main, corner of Frances Street, added one 6 inch. On Marion Avenue, off Wyman Street, added one 6 inch. There were eleven gate boxes replaced with new ones, nine were dug up, and reset; repairs were made on two gates, and three were dug up and packed.

Hydrants.

During the year there were thirteen added. Repairs were made on eight. Twenty-three were replaced with those of

modern make, as recommended in my former reports. Fifteen Walker hydrants set in the first of this make installed on the works. They have been examined during the year, and are all in good working order.

Meters.

The total number of meters now in use, is one hundred and seven, sixteen being added the past year. Twenty-four were replaced, and twelve required minor repairs.

Street Watering Standpipes.

There are now twenty in use. The usual repairs have been made during the past year.

Pumping Station and Grounds.

The grounds have been kept in good order. I would recommend that the shores around the pond be kept clean.

Shops.

We are greatly in need of better quarters for a repair shop. The present one is too small, as the work of relaying requires more material on hand. The storehouse on Winn Street has been vacated, which leaves the repair shop in a crowded condition. I would recommend that immediate action be taken on this matter.

Reservoir.

I would suggest that the bottom and side walls be concreted. This work would require the blasting of the bottom, and the cutting off of a portion of the back.

Stables.

There are three horses now in use. I would advise the purchasing of a horse, to replace one which is too light for the work.

Recommendations.

Again I recommend that the ground wires of the New England Telephone Company and Edison Electric Light Company should be removed from our service pipes. These wires serve to conduct the lightning to the mains. The wires of the Edison Company are sometimes "charged" which helps to weaken the pipe, In the relaying of mains, I would advise that the pipe be laid as great a distance as possible fron the street railway track location.

We should have a systematic inspection of all premises supplied with water and the restriction of all preventable wastes. This would mean additional expense, but would greatly aid in cutting down the wasteful loss of water.

In closing, I desire to call your attention to the following list of streets where improvements are needed at once.

Streets	Size pipe now used	Size recom.
Nichols	4 inch	6 inch
Poole	4 inch	6 inch
Harrison Avenue	4 inch	6 inch
Morse	4 inch	6 inch
Lexington (6200 feet)	0 inch	6 inch
Thorn	1 inch	6 inch
Auburn (200 feet)	4 inch	6 inch
Montvale Avenue	10 inch	12 inch
Winn	6 inch	6 inch
Cambridge	6 inch	6 inch

Of the above, my reason for recommending Winn and Auburn Streets is for the purpose of eliminating dead ends which should not exist in our system. I recommend the laying of

the Lexington Street main as a benefit to the system on that side of the city. At present, the water on Cambridge Street is dependent upon the Bedford Street main, and whenever a break occurs on Bedford Street beyond South Bedford Street, this whole section has to be shut off. When repairs are necessary, it takes two men one-half day to notify water takers, that the water will be shut off, and in the spring and summer when the market gardeners are busy getting out small plants, the delay is liable to cause them considerable loss, besides depriving them for the time being, of fire protection. By putting in this main, there would be a good circulation of water, and additional supply for fire purposes.

Respectfully submitted,

ROBERT T. SPENCER,

Superintendent.

Report of Water Registrar for the Year 1911

Woburn, Mass., January 1, 1912.

To the Commissioner of Water and Water Supply:

Sir:—I have th honor to submit the following report of the revenue and expenditures, the number of water takers, fixtures, abatements, etc., for the year ending December 31, 1911.

Revenue and Expenditures.

Auxiliary Supply.

Overdrawn January 1, 1911	$2,438 63

New Pump and Pumping Station Addition.

Balance January 1, 1911	$10,344 25
Expended	11,493 13
Overdrawn January 1, 1912 ...	$ 1,148 88

Relaying Mains.

Receipts.

Balance January 1, 1911	$ 677 51	
Appropriation	20,000 00	
Transfer from Maintenance Acc't.	5,000 00	
		$25,677 51

Expended.

Labor	$15,087 19	
Material	10,553 29	
		25,640 48
Balance January 1, 1912		$37 03

Rock Street.

Appropriation		$800 00

Expended.

Extension from Bedford Street	$485 76	
Extension from Houghton Street	215 05	
		700 81
Balance January 1, 1912		$99 19

Service Coustruction

Receipts.

Labor and Material	$667 61	
Transfer from Maintenance Acc't.	1,325 12	
		$1,992 73

Expended.

Services		$1,992 73

Cost of Water Works for year ending December 31, 1910	651,338 92	
Construction for year less amount turned into City Treasury	1,325 12	
		$652,664 04

MAINTENANCE.

Revenue.

Water Rate Collections:			
1909 Account:			
Domestic Rates		$21 50	
Fines		50	
Meter Rates		7 64	
			$29 64
1910 Account:			
Domestic Rates		$433 67	
Fines		9 75	
Meter Rates		581 42	
			$1,024 84
1911 Account:			
Domestic Rates		43,720 63	
Fines		69 25	
Seals		18 00	
Meter Rates		10,992 47	
Fractional Rates		198 31	
		$54,998 66	
Abatements	$190 79		
Discounts	5,147 15		
		5,337 94	
			$49,660 72
Sundry receipts (repairs, etc)			524 82
Total Collections, 1911			$51,240 02

Expenditures.

Maintenance:	
Cast Iron Pipe	$671 34
Expressing	62 49

Miscellaneous	522 69	
Miscellaneous labor	2,145 78	
New Harnesses	107 00	
New Meters	417 20	
Repairs to drinking fountain	30 04	
Repairs to Gates	43 65	
Repairs to hydrants	328 69	
Repairs to meters and meter pits	313 12	
Repairs to services	1,676 98	
Repairs to standpipes	137 87	
Repairs to street mains	1,655 46	
Repairs to wagons	69 10	
Salary (superintendent)	1,200 00	
Sharpening tools	13 71	
Stable	553 58	
Supplies	687 14	
Telephones	69 10	
		$10,704 9[illegible]

Pumping Station:

Changing piping for pump test	$211 42	
Care of grounds	319 00	
Expressing	5 30	
Fuel	3,045 88	
Insurance on boilers	75 00	
Lighting	21 50	
Miscellaneous	117 46	
Oil, waste and packing	396 15	
Piping for new boiler	114 33	
Pit for air separator	269 42	
Rental of emergency pump	182 50	
Repairing, plumbing engineer's house	57 90	
Repairs to boilers	62 26	
Repairs to pumps	41 72	
Salaries	3,543 71	

Supplies	155 88	
Telephone	24 05	
		8,643 48
Office:		
Salaries	$1,128 50	
Supplies	24 16	
		$1,152 66
Total expenditures, 1911		$20,501 08
Interest on water debt		3,540 00
Transfer to Relaying Mains Account		5,000 00
Transfer to Service Construction Account		1,325 12
Transfer to Sinking fund		20,873 82
		$51,240 02

Receipts and Expenses of Water Works from 1872 to 1911 Inclusive.

Year	No. S'rvic's	Receipts.	Expenditures			Surplus
			Maintenance	Interest	Total	
1872	.....	.....	.....	6,165,76	6,165.76	‡6,175.76
1873	498	4,600.00	4,976.99	11,424.37	16,401.36	‡11,801.36
1874	734	16,755.30	9,457.28	20,329.50	29,786.79	‡13,041.49
1875	835	17,117.25	7,166.44	24,500.00	31,666.34	‡14,549.29
1876	992	19,886.96	8,603.84	24,500.00	33,103.84	‡13.216.98
1877	1,084	22,508.03	6,848.84	25,108.59	31,957.43	‡9,449.40
1878	1,208	23,975.08	7,393.30	25,125.00	32,518.30	‡8,543.22
1879	1,290	24,060.29	7,527.40	25,798.60	33,326.00	‡8,165.71
1880	1,361	25,793.61	10,336.61	26,441.00	37,777.61	‡10,984.00
1881	1,413	27,608.62	8,291.00	26,741.00	35,032.00	‡7,423.38
1882	1,487	27,447.84	9,877.59	26,041.00	36,918.59	‡9,470.75
1883	1,559	29,925.52	9,276.27	27,041.00	36,317.27	‡6,391.75
1884	1,627	30,010.77	7,691.76	27,041.00	34 732.76	‡4,721.99
1885	1,730	30,999.51	8,974.37	27,041.00	36,016.37	‡5,015.86
1886	1,844	32,654.27	10,292.99	27,397.13	37,690.12	‡5,085.85
1887	1,966	34,266.65	†13,326.90	27,073.50	40,400.40	‡6,133,75
1888	2,061	34,002.02	10,697.99	16,982.50	27,680.40	6,321.53
1889	2,154	36,534.03	11,134.84	26,035.56	37,170.49	‡646.37
1890	2,233	37,944.36	12,351.11	25,306.75	37,657.86	336.50
1891	2,302	37,756.57	13,049.45	24,577.75	37,627.20	129.37
1892	2,369	37,405.88	11,033.61	24,483.75	35,517.36	2,888.52
1893	2,464	41,106.00	15,980.64	17,692.58	33,673.22	7,432.78
1894	2,559	42,528.48	12,629.09	12,985.75	25,614.84	17,913.64
1895	2,628	44,828.39	13,241.98	11,271.75	24,513.73	20,313.66
1896	2,709	45,750.29	20,671.20	10,070.00	30,741.20	15,009.09
1897	2,773	47,634.56	19,407.23	8,936.00	28,343.23	19,291.33
1898	2,821	48,013.24	11,164.80	7,812.00	18,976.80	29,036.44
1899	2,869	48,096.26	10,748.75	6,626.08	18,374.75	30,721.41
1900	2,894	§44,201.44	13,450.68	5,725.38	19,176.06	25,025.38
1901	2,925	42,814.87	11,627.99	4,774.00	26,402 09	26,412.88
1902	2,962	42,857.58	13,251.55	3,676.00	16,927.55	25.930.03
1903	2,996	47,616 21	13,995.10	2,660.00	16 655.10	30,961.11
1904	3,021	* 46,742.19	16,916.60	1,652.00	18,568.50	28,173.59
1905	3,057	* 45,921.42	16,507.14	608.00	17,115.14	28,806.28
1906	3,111	* 47,619.72	16,661.32	64.00	16,725.32	30,894.40
1907	3,151	* 48,115.45	19,265.04	410.00	19,675.04	28,440.41
1908	3,188	* 51,134 04	25,232.27	508.10	25,740.47	25,393.57
1909	3,222	* 49,928.11	20,607.56	2,780.00	23,387.56	26,540.55
1910	3,250	* 51,514.62	21,914.14	3,010 00	24 924.14	26,590.48
1911	3,314	* 51,240.02	20,501.08	3,540.00	24,041.08	27,198.94
		1,439,955.45	502,082.85	600,956.32	1103,039.17	481,917.52

¶ Ten months.
† In this amount is included $1,000 transferred to construction account.
‡ Deficiency.
§ Appropriation for hydrant service reduced from 5,050 to 1.730.
‖ No appropriation for hydrant service.
* Water rates on Schools amounting to $537. 00 nor paid.

Statement showing pumpage of water since the plant was established in 1873. Also, consumption per capita for domestic and other purposes.

	WATER PUMPED.			CONSUMPTION PER CAPITA.			
				Annually.		Daily.	
Year	Domestic Purposes Gallons	Metered Water Gallons	Total Gallons	Domestic Purposes Gallons.	For all Purposes Gallons.	Domestic Purposes Gallons.	For all Purposes. Gallons
†1873-74..	99,522,564	.....	99,522,564	*10,625.94	*10,625.94	70.47	70.47
1874-75..	228,114,068	13,946,060	242,060,128	28,841.35	25,298.92	65.31	69.31
1875-76..	253,070,098	13,573,566	266,643,664	25,718.55	27,026.78	70.46	74.04
1876-77..	225,350,577	18,775,415	244,125,992	32,285.46	24,142.20	61.05	66.14
1877-78..	162,523,918	24,843,325	187,367,243	15,649.94	18,070.90	42.87	49.51
1878-79..	202,212,585	30,414,959	237,627,544	19,535.80	22,295.69	53.52	61.08
1879-80..	226,167,598	41,671,685	267,839,283	20,691.39	34,502.72	56.68	67.13
1880-81..	239,085,793	30,460,765	269,546,558	21,550.90	24,296.60	59.04	66.56
1881-82..	250,489,800	31,505,186	281,994,986	22,249.93	24,988.47	60.96	68.46
1882-83..	269,660,902	31,566,923	301,227,825	23,669.20	26,372.79	64.68	72.25
1883-84..	214,940,593	37,978,384	252,918,977	18,554.75	21,829.70	50.82	59.80
1884-85..	187,874,878	43,341,199	231,216,977	15,989.35	19,667.96	43.80	53.91
1885-86..	218,303,505	33,042,819	251,346,324	18,043.10	20,774.14	49.43	56.91
1886-87..	312,407,520	22,012,063	344,419,580	25,694.98	26,863.16	68.75	73.50
1887-88..	285,924,528	38,363,477	324,288,000	22,967.67	26,049.32	61.28	71.36
†1888	193,639,657	41,854,103	235,193,760	18,155.13	22,079.26	49.74	60.49
1889	219,416,786	36,125,854	253,542,590	16,686.95	19,282.27	45.71	52.82
1890	251,052,891	42,752,509	293,805,400	18,597.88	21,764.97	50.95	59.63
1891	241,450,716	39,370,734	280,821,450	17,709.45	20,596.40	48.51	56.42
1892	248,856,570	43,719,280	292,575,850	18,072.37	21,247.33	49.51	58.21
1893	284,481,937	53,434,313	337,916,250	20,457.49	24,309.03	56.04	66.57
1894	313,450,904	57,566,396	361,017,300	22,322.38	25,709.82	61.15	70.43
1895	317,570,332	67,951,868	385,522,200	22,398.81	27,191.57	61.36	74.49
1896	324,880,999	50,586,401	375,467,400	22,786.01	26,333.80	62.45	72.14
1897	309,634,781	57,696,169	367,330,950	21,595.43	25,619.39	59.16	70.19
1898	314,896,516	48,127,334	363,023,850	21,839.00	25,176.76	59.83	68.97
1899	358,980,560	46,048,540	405,029,100	24,757.28	27,933.04	67.83	76.55
1900	374,863,730	42,572,170	417,435,900	26,298.84	29,285.52	72.05	80.23
1901	380,420,649	46,217,451	426,638,100	26,602.84	29,834.83	72.88	81.74
1902	403,426,680	41,255,670	444,682,350	28,310.64	31,205.78	77.56	85.49
1903	433,632,792	69,364,458	502,997,250	30,537.52	35,422.34	83.66	97.04
1904	453,058,373	67,226,077	520,284,450	31,793.57	36,511.18	87.10	100.03
1905	480,566,720	63,240,630	543,807,350	33,372.61	37,764.46	91.42	103.46
1906	492,138,200	60,243,700	552,381,900	34,176.26	38,359.85	93.63	105.09
1907	535,950,900	77,840,250	613,791,150	37,218.31	42,624.38	101.96	116.77
1908	523,207,190	81,287,180	604,494,370	36,333.83	41,978.77	99.24	114.69
†1909	580,831,290	79,573,950	660,405,240	40,335.50	45,861.47	110.50	125.64
§1910	680,602,921	98,386,635	778,989,556	44,483.19	50,914.35	121.87	139.22
1911** ..	593,775,936	83,764,350	677,540,286	38,808.88	44,283.67	106.32	121.32

§ 1½ per cent allowance for slip.

† Five months. ‡ Ten months. * Five months.

** 1½ per cent allowance for slip of new pump. 10 per cent allowance for old pumps.

NUMBER OF FIXTURES

Classification	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Totals Jan 1 1912	Totals Jan. 1, 1911
Faucets	1,178	1,174	1,205	1,564	487	815	323	6,746	6,557
Bath Tubs	175	169	162	195	70	151	31	953	890
Water Closets	548	467	490	688	118	171	58	2,540	2,438
Hose Attachm'ts	92	116	133	132	37	94	35	639	639
	1,993	1,926	1,990	2,579	712	1,231	447	10,878	10,054

STATEMENT OF INCOME FROM WATER RATES

	1907	1908	1909	1910	1911
Domestic Service	$40,933 70	$42,746 13	$42,568 19	$44,516 95	$44,471 61
Meter Service	10,454 94	10,046 42	11,359 51	11,732 62	11,581 53
Totals	$51,388 64	$52,792 55	$53,927 70	$56,249 57	$56,053 14
Abatements and Discount	4,675 06	4,899 49	5,140 41	5,255 65	5,337 94
Totals	$46,713 58	$47,893 06	$48,787 29	$50,993 92	$50,715 22

Uncollected Water Rates.

Domestic Rates, 1907	$ 24 00
Domestic Rates, 1908	122 50
Domestic Rates, 1909	195 75
Domestic Rates, 1910	236 00
Domestic Rates, 1910	1,137 00
Meter Rates	511 02
	$2,226 27

WATER TAKERS

Classification	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	TOTALS Jan. 1 1912	TOTALS Jan. 1 1911
Almshouse	..	..	..	1	..	..	..	1	1
Armory	..	..	..	1	..	..	..	1	1
Automatic Sprinklers	..	5	1	1	..	1	..	8	7
Bakehouses	1	..	1	3	..	..	..	4	4
Banks	1	..	1	1	..	..	..	3	3
Car Stations	..	..	1	..	..	1	..	2	2
Cemeteries	..	..	..	1	15	..	..	16	16
Churches	2	..	2	3	2	2	..	11	11
City Hall	1	..	..	..	..	..	..	1	1
Contagious Hospital	..	..	..	1	..	..	..	1	1
Court House	1	..	..	..	..	..	..	1	1
Drinking Fountains	1	2	2	..	2	2	2	11	11
Dwellings	438	501	491	499	249	423	209	2810	2,770
Electric Light Station		..	..	..	..	..	..	1	1
Elevator	..	..	1	..	..	..	..	1	1
Engine and Hose Houses	..	..	2	..	1	2	1	7	7
Families	608	710	668	691	296	484	358	3815	3,777
Federal Building	..	..	1	..	..	..	..		
Foundries	..	2	..	..	1	..	..	3	3
Gas Works	..	1	..	..	..	..	..	1	1
Greenhouses	1	4	..	1	9	11	14	40	39
Halls, Clubs, etc.	5	1	10	14	1	1	..	32	32
Hose and Fountains	91	115	132	130	36	94	32	630	630
Hospitals	1	..	..	..	..	..	..	1	1
Hotels	1	1	1	..	..	..	..	3	3
Hydrants	49	63	51	65	45	81	36	390	377
Irrigation	2	..	6	1	5	7	19	40	34
Laundries	1	..	1	3	..	..	..	5	5
Manufactories	3	19	4	5	2	13	4	50	49
Motors	2	..	2	4	..	..	..	8	8
Police Stations	1	..	..	..	1	..	..	2	2
Printing Offices	..	..	2	1	..	..	..	3	3
Private Hydrants	..	..	..	..	1	3	..	4	4
Public Library	..	..	1	..	..	1	..	2	2
Public Park	1	..	1	..	..	1	..	2	3
Railway Stations	1	2	..	1	1	2	..	7	7
Sewer Connections	15	9	10	7	..	..	..	41	40
School Houses	5	1	2	3	5	2	2	20	20
Stables	50	75	50	24	58	44	31	332	332
Stores, Shops and Offices	24	42	58	190	11	14	3	342	340
Stone Crusher	..	..	1	..	..	..	..	1	1
Standpipes	4	3	2	9	..	1	1	20	20

STATEMENT OF EXPENSES BY MONTHS.

Months.	Maintenance.		Pumping Station		Office.		Totals.	
	Pay Roll	Supplies	Pay Rolls	Supplies	Pay Rolls	Supplies	1911	1910
January	$582.41	$407 10	$334.96	$362 48	$105.75	.....	$1,792.70	$2,423.56
February	471.02	86.36	241.54	202.86	84.60	1 69	1,087 98	1,630.95
March	633 30	319.21	297.82	367.79	113.25	.....	1,731.37	1,347.67
April	378.43	210.56	250.54	270.18	84.60	.....	1,194.51	1,549.14
May	509 13	428.56	318 00	401.65	84.60	2.16	1,744.10	1,467.85
June	830.46	156 12	446 31	553.85	105.75	.....	2,092.49	1,996.88
July	718.84	497.62	389.70	658.18	102 60	.....	2,366.34	1,607.91
August	698.78	483.56	408.00	438.91	105.75	.....	2,135.00	1 622.28
September	481.41	903.10	312.00	75.14	84.60	3.00	1,859.25	1,239 12
October	439 24	240.27	360.24	203.74	87.60	11.75	1,242.84	1,330.13
November	430.47	285.14	329.39	836 13	84.00	.....	1,965 73	3,629.69
December	389.49	154.96	315.28	268.79	81.80	5.65	1,218.97	2,068 96
	$6,562.98	$4,141.96	$4,003.78	$4,639.70	$1,128.50	$24.16	$20,501 08	$21,914.14

The following is a statement of meters in use together with those on hand:

MAKE	½ in.	⅝ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	4 in.	Total
Crown	.....	.....	3	8	.....	1	6	.....	18
Empire	.....	.....	1	1	.....	1	.....	.....	3
Gem	.....	.....	.....	.....	.....	.....	.....	2	2
Hersey	.....	.....	5	7	1	.....	5	1	19
Indicator	.....	.....	.....	.....	.....	.....	1	.....	1
King	.....	2	.....	15	.....	.....	.....	.....	17
Lambert	.....	3	.....	4	.....	.....	8	.....	15
Nash	.....	.....	.....	1	.....	.....	.....	.....	1
Neptune	.....	.....	15	.....	.....	.....	3	.....	18
Thomson	.....	.....	2	2	.....	1	1	.....	6
Union	2	.....	3	13	.....	4	19	2	43
Worthington	.....	.....	.....	7	.....	.....	4	.....	11
Total	2	5	29	58	1	7	47	5	154

Water Service.

Whole number put in to December 31, 1910	3,260
Number added in 1911	54
Total	3,314
Total number abandoned	69
Vacant service	56
Faucets locked	132
Faucets unlocked	93

COAL CONSUMPTION AND DUTY OF PUMPING ENGINES

1911	Number of Hours Pumping	Pounds of Coal used Firing and Banking	Pounds of Coal used Pumping	Gallons of Water Pumped	Daily Average Consumption in Gallons	Gallons Pumped per Pound of Coal	Average Lift in Feet	Average Height of Water in Reservoir, Feet	Average Height Water in Pond above High Water Mark in In.
January...	287½	15,500	118,200	55,884,880	1,802,738	417	227.7	16.9	3.5
February..	253½	14,400	109,600	52,218,504	1,834,945	421	222.7	16.9	2.0
March	272¾	16,100	113,000	53,571,850	1,728,124	414	221.2	16.9	26.3
April.....	255¾	16,000	103,300	52,342,368	1,744,745	438	221.2	16.9	26.8
May	333	16,000	132,200	60,360,228	1,947,104	405	221.2	16.9	28.5
June.....	322	13,000	134,500	53,804,496	1,793,483	364	221.2	16.2	28
July	369½	16,500	140,100	75,776,700	2,444,409	483	222.2	16	20
August....	286½	15,500	112,600	61,140,138	1,972,262	477	221.7	16	20
September	220	15,800	101,900	52,292,012	1,743,067	444	221.2	16	22.5
October ...	251¾	15,500	105,400	53,151,736	1,714,572	439	221.7	16	28
November.	265½	15,400	107,200	54,547,322	1,818,244	444	221.2	15.9	28.4
December .	292	19,800	131,700	52,450,052	1,691,937	346	221.2	15.3	28.4
Total....	3409¾	189,500	1,409,700	677,540,286	18,562,747	4236	222	16.3	22.7

During the year 642,261,828 gallons were pumped by the Platt Engine and 35,278,45 gallons by the Worthington and Blake engines.

Gallons pumped, 1910 778,989,556

Gallons pumped, 1911 677,540,286

Coal consumed, 1910 .....1,043 10-20 tons

Coal consumed, 1911 .....799 12-20 tons

Ten percent. allowance has been made for slip of old pumps.

One and one-half per cent. allowance has been made for new pump.

SUMMARY OF STATISTICS.

For Year Ending 1911.

In form recommended by the New England Water Works Association.

WOBURN WATER WORKS.

City of Woburn, Middlesex County, State of Massachusetts.
Population by Census of 1910, 15,308.
Date of construction, 1872-73.
By whom owned, City of Woburn, Mass.
Source of supply, Filter Gallery and Tubular Wells, near Horn Pond.
Mode of supply, pumping direct and to reservoir.

Pumping.

1. Builders of pumping machinery, Platt Iron Works and Worthington & Blake.
2. Description of fuel used: (a) kind, bituminous coal; (b) brand of coal, Pocahontas; (c) average price of coal per gross ton, delivered, $4.35; (d) percentage of ash, 9; (e) wood, price per cord, none used.
3. Coal consumed for the year, 1,599,200 pounds.
4. (Pounds of wood consumed) divided by three equals equivalent amount of coal, none.

4a. Amount of other fuel used, none.

5. Total equivalent coal consumed for the year.
6. Total pumpage for the year, 677,540,286 gallons, with 1 1-2 per cent. allowance for slip of new pump, and 10 per cent. for slip of old pumps.

7. Average static head against which pump works, 219 feet.
8. Average dynamic head against which pumps work, 222 feet.
9. Number of gallons pumped per pound of equivalent coal (3), 423.6.
10. Duty equals gallons pumped (6) times 8.34 (lbs.) times 100 times dynamic head (8) divided by total fuel consumed (3). Equals 78,442,489.

    Cost of pumping, figured on pumping station expenses, viz., $8,643.48.
11. Per million gallons, $12.75.
12. Per million gallons raised one foot (dynamic), $0.057.

    Cost of pumping, figured on total maintenance, viz., $20,501.08.
13. Per million gallons pumped, $30.26.
14. Per million gallons raised one foot (dynamic), $0.136.

FINANCIAL.

Maintenance.

Receipts.

From Consumers:			
A.	Water rates, fixture.....	$43,691 61	
B.	Water rates, meter	11,581 53	
C.	Net receipts for water (A) plus (B)	$55,273 14	
D.	Miscellaneous (rent, repairs, sales, etc.)	524 82	
		$55,797 96	
D2.	Discounts and abatements	5,337 94	
E.	Total from consumers.....		$50,460 02

From Public Funds:			
F.	Hydrants		
G.	Fountains	$275 00	
H.	Street waterings	250 00	
I.	Public buildings	255 00	
J.	General appropriations		
	Total from Public Funds		780 00
K.	Gross receipts from all sources		$51,240 02

Expenditures.

AA.	Management and repairs	$20,501 08	
BB.	Interest on bonds	3,540 00	
CC.	Total maintenance for year		$24,041 08
DD.	Transfer to Relaying Mains Account		5,000 00
GG.	Transfer to Service Construction Account		1,325 12
HH.	Balance transferred to Sinking Fund		20,873 82
K.	Total		$51,240 02

Consumption.

1. Estimated total population at date, 15,308.
2. Estimated population on line of pipe, 15,200.
3. Estimated population supplied, 15,200.
4. Total consumption for the year, 677,540,286 gallons.
5. Passed through meters, 83,764,350 gallons.
6. Percentage of consumption metered, .123.
7. Average daily consumption, 1,856,274.7 gallons.
8. Gallons per day to each inhabitant, 121.32.

Distribution.

Mains.

1 Kind of pipe, cement and cast iron.
2 Sizes, from 4-inch to 14-inch.
3. Extended during the year———feet.
4. Discontinued———feet during the year.
5. Total now in use, 57.43 miles.
6. Cost of repairs per mile, $28.82.
7. Number of leaks, per mile, 1.46.
8. Length of pipes less than 4 inches diam., 5.81 miles.
9. Number of hydrants added during year (public and private.) 13
10. Number of hydrants (public and private) now in use, 397.
11. Number of stop gates added during the year, 21.
12. Number of stop gates now in use, 492.
13. Number of stop gates smaller than 4-inch, 58.
14. Number of blow-off gates, 17.
15. Range of pressure on mains at centre of city, 70 pounds to 75 pounds.

Services.

16. Kind of pipe,lead lined, cement lined and galvanized.
17. Sizes, 1-inch.
18. Number of service taps added during year, 54.
19. Number now in use, 3,314.
20. Average cost of service, $36.90.
21. Number of meters added, 8.
22. Number now in use, 102.
23. Percentage of service metered, .03.
24. Percentage of receipts from metered water (B divided by K), .226.
25. Number of motors and elevators added.
26. Number now in use, 10.

Respectfully submitted,

REDMOND E. WALSH,
Water Registrar.

REPORT OF CLERK

Report of Clerk.

Woburn, Mass., Dec. 31, 1911.

To the Board of Public Works:

Gentlemen: I submit herewith a statement of the expenditures of the Street Department for the year ending December 31, 1911:

Street	Street Cleaning	Catch Basins, Culverts and Drains	Sundry Repairs	Resurfacing	Sidewalk Repairs, etc.	Miscellaneous
Abbott	5 29	.....	.....	.....	.....	$6 50
Albany	2 59	.....	.....	.....	.....	.....
Arlington	6 24	.....	$1 00	.....	$14 11	.....
Arlington Rd	268 78	6 68	104 47	.....	.....	18 55
Ash	7 81	.....	.....	.....	.....	9 75
Auburn	33 09	.....	.....	.....	.....	13 75
Beach	7 44	.....	.....	.....	.....	.....
Beacon	32 89	3 93	23 15	.....	.....	3 25
Bedford	131 68	.....	20 06	683 93	47 79	7 48
Bennett	41 49	12 37	.....	.....	.....	.....
Belmont	15 79	6 96	9 18	.....	37 13	13 00
Blossom	19 43	.....	.....	.....	.....	.....
Border	50	.....	.....	.....	.....	.....
Bow	.....	.....	.....	.....	12 48	.....
Broad	70 38	6 68	6 50	.....	.....	.....
Bryant	50 73	.....	6 07	.....	39 60	.....
Buck	.....	.....	.....	.....	.....	6 50
Buckman	18 90	.....	.....	.....	.....	.....
Burlington	67 70	.....	5 43	.....	12 36	.....
Cambridge	.....	.....	.....	.....	.....	19 50
Cedar	1 72	.....	.....	.....	.....	.....
Center	17 65	6 62	14 80	.....	.....	.....
Central	18 83	3 93	.....	.....	.....	6 50
Charles	39 36	.....	.....	.....	.....	.....
Chester Ave	.....	.....	.....	229 45	.....	.....
Chestnut	29 38	.....	62 28	.....	1 44	8 12
Church Ave.	30 03	8 37	.....	.....	.....	.....
Church	30 62	.....	.....	.....	.....	.....
Cleveland Ave	5 31	.....	.....	.....	.....	.....
Clinton	23 71	.....	2 19	.....	.....	.....

Street	Street Cleaning	Catch Basins, Culverts and Drains	Sundry Repairs	Resurfacing	Sidewalk Repairs, etc.	Miscellaneous
Common ...	32 28	.....	2 46	.....	.....	.....
Conn	39 02	4 25	.....	.....	.....	.....
Court	7 51	6 62	.....	.....	.....	.....
Cummings .	.....	.....	25	.....	.....	.....
Davis	9 71	.....	.....	.....	.....	.....
Eastern Ave.	59 26	.....	19 40	168 01*	9 72	54 15
Eaton Ave. .	36 84	.....	18 21	85 80	.....	.....
Ellis	.....	.....	6 47	.....	.....	1 40
Elm	46 88	.....	.....	.....	.....	.....
Everett	25 57	115 91	.....	.....	11 40	13 00
Fairmount .	12 82	.....	.....	.....	.....	.....
Federal	16 25	.....	69 42	.....	.....	58 50
Felton	.....	.....	.....	.....	17 48	.....
Flagg	11 46	.....	.....	.....	.....	6 50
First.....	15 00	.....	.....	.....	.....	.....
Foster	20 90	.....	14 50	.....	.....	9 04
Fowle.....	120 99	6 62	.....	.....	.....	.....
Frances ...	.....	5 22	5 25	.....	23 75	13 00
Franklin	65 41	6 25	12 83	.....	.....	3 25
Garfield Ave.	97 59	.....	1 62	.....	.....	.....
Glenwood ...	24 88	.....	.....	.....	.....	.....
Green.....	112 43	.....	16 71	.....	25 77	11 38
Grove	20 90	.....	.....	.....	11 58	.....
Harrison Ave.	115 63	48 23	42 76	.....	16 07	3 68
Hart.....	16 86	.....	.....	862 47**	.....	19 50
High	130 89	13 37	.....	.....	.....	.....
Highland ...	29 34	.....	.....	589 11*	6 27	.....
Houghton .	62 70	.....	25	.....	22 92	.....
Hovey	10 58	.....	.....	.....	2 63	.....
Hudson ...	26 57	.....	3 22	.....	.....	.....
James	27 44	.....	2 69	.....	.....	.....
Jefferson Av.	22 73	.....	.....	.....	.....	.....
John.....	13 81	.....	.....	.....	.....	.....
Kilby	153 35	.....	127 12	.....	10 62	.....
Lake Ave. ..	70 36	.....	118 78	.....	6 50	5 18
Lawrence ..	40 38	.....	4 99	.....	.....	.....
Lexington	31 79	.....	180 13	.....	.....	35 09
Lowell	61 50	.....	.....	865 74	.....	.....
Madison	.....	.....	3 33	.....	25 44	.....
Main north;	1,270 93	129 43	55 42	2,395 55*	6 62	24 58
Main south;	1,094 52	41 08	176 50	1,935 74*	.....	19 50

Street	Street Cleaning	Catch Basins, Culverts and Drains	Sundry Repairs	Resurfacing	Sidewalk Repairs, etc.	Miscellaneous
Manning	.....	.....	.....	.....	.....	3 25
Maple	2 59	.....	.....	.....	.....	.....
Merrimac	9 49	.....	.....	.....	.....	.....
Middlesex	7 12	.....	.....	73 22	.....	.....
Mill	9 49	.....	.....	.....	.....	.....
Mishawum rd	57 28	.....	77 78	.....	.....	6 50
Montvale Av.	168 48	78 33	58 73	.....	5 88	.....
Montvale Rd	5 18	.....	.....	.....	.....	.....
Morse	.....	.....	10 12	.....	.....	.....
Mountain	.....	.....	.....	.....	.....	6 50
Mt. Pleasant	57 46	.....	.....	.....	.....	16 25
Munroe	17 79	.....	8 40	.....	.....	.....
Myrtle	52 68	.....	.....	.....	.....	1 63
New Boston	.....	25 67	.....	840 43	.....	.....
Newbury	.....	.....	27 76	.....	.....	35 75
No. Warren	62 80	.....	22 99	449 80	.....	.....
Nichols	6 18	.....	.....	.....	11 12	.....
Oak	45 06	.....	43 93	.....	.....	10 08
Park	31 92	86 61	9 67	.....	.....	5 00
Parker	.....	.....	18 42	.....	.....	.....
Page Pl.	5 31	.....	.....	.....	.....	.....
Pearl	5 19	.....	.....	.....	.....	.....
Pine	17 67	.....	3 40	.....	.....	3 25
Pleasant	317 46	13 54	26 92	2,540 35*	.....	.....
Plympton	51 74	.....	.....	.....	.....	6 50
Poole	5 18	.....	.....	.....	.....	11 89
Porter	28 00	.....	.....	.....	.....	.....
Prospect	98 23	.....	47 97	.....	.....	13 00
Reed	7 50	.....	.....	.....	.....	.....
Richardson	18 08	.....	3 07	.....	.....	.....
Russell	.....	.....	16 06	.....	.....	8 18
Salem	129 73	19 39	87 71	.....	.....	.....
Second	4 42	.....	.....	.....	.....	.....
School	22 50	6 62	5 35	.....	.....	.....
Scott	41 78	.....	.....	.....	.....	.....
Sheridan	.....	7 99	2 18	.....	.....	.....
Sonrel	.....	.....	.....	244 47*	.....	.....
South	25 81	.....	.....	390 09*	.....	.....
So. Bedford	9 62	.....	2 69	.....	.....	.....
Stoddard	27 85	.....	.....	.....	.....	.....
Sturgis	36 17	.....	.....	.....	.....	3 25
Summer	22 78	.....	6 67	.....	.....	.....
Travis	7 94	.....	9 49	.....	.....	.....

Street	Street Cleaning	Catch Basins, Culverts and Drains	Sundry Repairs	Resurfacing	Sidewalk Repairs, etc.	Miscellaneous
Union	59 46	.....	.....	.....	.....	.....
Wade Av.	35 21	.....	.....	.....	.....	.....
Walnut	19 59	.....	15 49	.....	.....	.....
Waltham	.....	.....	2 19	.....	.....	.....
Ward	27 71	.....	.....	.....	6 87	.....
Warren Av.	73 38	6 62	32 56	.....	.....	.....
Washington	40 58	.....	12 00	.....	.....	20 39
Water	24 65	.....	.....	.....	.....	.....
Webster	6 15	.....	.....	.....	.....	.....
West	6 31	.....	.....	.....	.....	.....
Willow	2 00	.....	9 25	.....	.....	.....
Winn	174 54	6 68	15 41	189 35*	5 15	.....
Winter	10 06	.....	3 24	.....	.....	.....
Wood	.....	.....	4 05	.....	.....	6 50
Wyman	152 31	.....	29 05	.....	.....	9 75

Miscellaneous.

Collecting ashes	$249 61
Street signs	201 07
Watering troughs	324 92
Snow, Care of	984 18

*Macadam
**Construction

SIDEWALK AND EDGESTONE ASSESSMENTS.

Work done in accordance with provisions of Section 44 of Chapter 49 of the Revised Laws.

Chestnut Street, South Side;, Main Street to west line of J. F. Deland Property.	Rate	Items	Total	Assessed
Levine, Samuel S.—				
91 sq. yds. concrete	$ .659	$59 97		
136.6 lin, ft. edgestone	.40	54 64		
Setting 136.6 lin. ft. edgestone	.334	45 62	$160 23	$80 12
American Hide & Leather Co.—				
259.3 sq. yds. concrete	.659	170 88		
356.6 lin. ft. edgestone	.40	142 64		
2 12-inch radius corners	1 .00	2 00		
Setting 358.6 lin. ft. edgestone	.334	119 77	435 29	217 65
Deland, J. Foster —				
63 sq. yds, concrete	.659	41 52		
83.2 lin. ft. edgestone	.40	33 28		
2 12-inch radius corners	1.00	2 00		
Setting 85.2 lin. ft. edgestone	.334	28 46	105 26	52 63
			$700 78	$350 40

Federal Street, Easterly and Southerly sides, Pleasant to Winn Street.;				
Stearns, James P. Trustee—				
235.4 sq. yds. concrete	.649	152 77		
371.7 lin. ft. edgestone	.40	148 68		
3 12-inch radius corners	1.00	3 00		
Setting 374.7 lin. ft. edgestone	.342	128 15	432 60	216 30
City—				
24 sq. yds. concrete	.649	15 58		
18 lin. ft. edgestone	.40	7 20		
1 12-inch radius corner	1.00	1 00		
2 24-inch radius corners	1.65	3 30		
Setting 21 lin. ft. edgestone	.342	7 18		
Re-setting 7.5 lin. ft. edgestone	.342	2 57	36 83	
			$469 43	$216 30

Green Srteet, Northerly Side Mt. Pleasant Street to west line of E. F. and M. S. Pollard Property				
City—				
4.6 sq. yds. concrete	$ .692	$ 3 18		
15 lin. ft. edgestone	.40	6 00		
1 24-inch radius corner	1 65	1 65		
Setting 17 lin. ft. edgestone	36	6 12	$16 95	

	Rate	Items	Total	Assessed
Fowle, James L. —				
55.8 sq. yds. concrete	.692	38 61		
24.5 lin. ft. edgestone	.40	9 80		
Setting 24.5 lin. ft. edgestone ...	.36	8 82	57 23	$28 62
Pollard, E. F. and M. S.—				
69 sq. yds. concrete.....	.692		47 75	23 88
			$121 93	$52 50
Main Street, East Side, to Fowle Street;				
Kaplin, Sarah J.—				
74.1 sq. yds. concrete	$ .673		$49 87	24 94
Flaherty, Elizabeth F.—				
30.8 sq. yds. concrete	.673		20 73	10 37
Moore, Thomas, Heirs—				
85 sq. yds. concrete.....	.673	57 20		
85.8 lin. ft. edgestone	.40	34 32		
2 12-inch radius corners	1.00	2 00		
Setting 87.8 lin. ft. edgestone ...	.366	32 13	125 65	62 83
Johnson, J. W., and Winn, John G.—				
143.6 sq. yds. concrete	.673	96 64		
151 lin. ft. edgestone.....	.40	60 40		
1 12-inch radius corner	1.00	1 00		
Setting 152 lin. ft. edgestone ...	.366	55 63	213 67	106 84
Marrinan, T. H. and O'Brien, D. P.—				
63.8 sq. yds. concrete	.673	42 94		
47 lin. ft. edgestone.....	.40	18 80		
1 12-inch radius corner	1.00	1 00		
Setting 48 lin. ft. edgestone	.366	17 57	80 31	40 16
Johnson, John W. and Winn, John G.—				
41.7 sq. yds. concrete	.673	28 06		
20 lin. ft. edgestone.....	.40	8 00		
1 12-inch radius corner	1.00	1 00		
Setting 21 lin. ft. edgestone	.366	7 68	44 74	22 37
Holden, G. W. Heirs—				
151.2 sq. yds. concrete	.673	101 76		
184.5 lin. ft. edgestone	.40	73 80		
1 12-inch radius corner	1.00	1 00		
Setting 185.5 lin. ft. edgestone ..	.366	67 89	244 45	122 23
City—				
117.9 sq. yds. concrete	.673	79 34		
13.5 lin. ft. edgestone	.40	5 40		
1 24-inch radius corner	1.65	1 65		
Setting 15.5 lin. ft. edgestone ...	.366	5 67		
Re-setting 225.9 lin. ft. edgestone	.298	67 32	159 38	
			$938 80	$389 74
Prospect Street, Easterly Side, Mt. Pleasant to Green Street.;				
Allen, Henrietta—				
158.4 sq. yds. concrete	$ .693	109 77		
218.2 lin. ft. edgestone	.40	87 28		
2 12-inch radius corners	1.00	2 00		
Setting 220.2 lin. ft. edgestone ..	.304	66 94	$265 99	$133 00

	Rate	Items	Total	Assessed
Grothe, John J.—				
43.3 sq. yds. concrete	.693	30 01		
52.3 lin. ft. edgestone	.40	20 92		
2 12-inch radius corners	1.00	2 00		
Setting 54.3 lin. ft. edgestone	.304	16 51	69 44	34 72
Svenson, Svante Emil—				
45.4 sq. yds. concrete	.693	31 46		
58.2 lin. ft. edgestone	.40	23 28		
2 12-inch radius corners	1.00	2 00		
Setting 60.2 lin. ft. edgestone	.304	18 30	75 04	37 52
Roche, Andrew—				
42.4 sq. yds. concrete	.693	29 38		
68.5 lin. ft. edgestone	.40	27 40		
Setting 68.5 lin. ft. edgestone	.304	20 82	77 60	38 80
Bartlett, Laura V.—				
41.5 sq. yds. concrete	$ .693	$28 76		
68 lin, ft. edgestone	.40	27 20		
1 12-inch radius corner	1.00	1 00		
Setting 69 lin. ft. edgestone	.304	20 98	77 94	$38 97
City—				
10.1 sq. yds. concrete	.693	7 00		
11.5 lin. ft. edgestone	.40	4 60		
2 24-inch radius corners	1.65	3 30		
Setting 13.5 lin. ft. edgestone	.304	4 10		
Re-setting 8.7 lin. ft. edgestone	.304	2 64	21 64	
			$587 65	$283 01

Warren Avenue West side, Sturgis to Pleasant Street;

City—				
30.6 sq. yds. concrete	$ .686	$20 99		
15 sq. yds. concrete, top dressed;		3 44	$24 43	
Fagg, Stephen D.				
41.7 sq. yds. concrete	.686		28 60	$14 30
Canton Co-Operative Bank—				
44 sq. yds. concrete	.686		30 18	15 09
Woburn Charitable Association—				
283.1 sq. yds. concrete	.686		194 20	97 10
Hayden, Ellen F. —				
97.2 sq. yds. concrete	.686		66 68	33 34
Wyer, E. F. et al.—				
61.2 sq. yds. concrete	.686		41 98	20 99
Stoneham Five Cents Savings Bank—				
93.3 sq. yds. concrete	.686		64 00	32 00
			$450 07	$212 82

SUMMARY.

	Total	Assessed
Chestnut Street	$700 78	$350 40
Federal Street	469 43	216 30
Green Street	121 93	52 50
Main Street	938 80	289 74
Prospect Street	587 65	283 01
Warren Avenue	450 07	212 82
	$3,268 66	$1,504 77

SIDEWALK AND EDGESTONE CONSTRUCTION, REQUEST OF ABUTTERS.

	Rate	Items	Total	Assessed
Broad Street.				
Ellis, J. M. Heirs—				
51.9 sq. yds. concrete top dressed;	$ .451	$	$23 41	$ 23 41
Buck Street.				
McCauley, Susan—				
80.6 sq. yds. concrete	.661	53 28		
121 lin. ft. edgestone	.40	48 40		
Setting 121 lin. ft. edgestone	.348	42 11		
3.6 sq. yds. concrete, private;	.661	2 38	146 17	74 28
Eaton. Avenue				
Murray, Francis H.—				
30.2 sq. yds concrete				
10.4 sq. yds. concrete, top dressed;			26 26	26 26
Fairmount Street.				
Marrinan, Olive P.—				
202 sq. yds. concrete				
69 sq. yds. concrete, top dressed;			158 09	158 09
Federal Street.				
Blake, Harriet N.				
46 sq. yds. concrete	.674	31 00		
55.5 lin. ft. edgestone	.40	22 20		
2 12-inch radius corners	1.00	2 00		
Setting 57.5 lin. ft. edgestone	.342	19 67		
3 sq. yds. concrete	.674	2 02	76 89	39 46
Woodbury and Leighton—				
278 lin. ft. edgestone	.40	111 20		
2 12-inch radius corners	1.00	2 00		
1 24-inch radius corner	1.65	1 65		
Setting 282 lin. ft. edgestone	.342	96 44	211 29	105 65
Fowle Street.				
O'Brien, Daniel P.—				
60 sq. yds. concrete				
120 sq. yds. concrete two coats				
121 sq. yds. concrete, top dressed;		142 18	142 18	142 18

Frances Street.	Rate	Items	Total	Assessed
City—				
48.4 sq. yds. concrete	.652		31 56	
Trull, Elliot F.—				
70 sq. yds. concrete.....	.652		45 54	22 82
Thompson, L. W.—				
21.7 sq. yds. concrete	.652	14 14		
20.3 sq. yds. concrete private; .	.652	13 24	27 38	20 31
High Street.				
Jayne, Sarah J.—				
41. sq. yds. concrete				
39 sq. yds. concrete two coats; ..			42 27	42 27
Main Street.				
Scally, Julia A.—				
19 sq. yds. concrete.....				
51 sq. yds. concrete, top dressed;				
1 12-inch radius corner		1 50	40 22	40 22
Lynch, Edward E.—				
40.7 sq. yds. concrete,top dressed;	.351		14 28	14 28
Smith, George R.—				
23.6 sq. yds. concrete	.704		18 52	18 52
Mishawum Road.				
Blodgett, William E.—				
7 lin. ft. edgestone.....	.40	2 80		
1 12-inch radius corner	1.00	1 00		
Setting 8 lin. ft. edgestone	.305	2 75	6 55	3 28
City—				
Resetting 50 lin. ft. edgestone...			17 50	
Montvale Avenue.				
Skinner, James—				
23 sq. yds. concrete.....				
358.9 sq. yds. concrete, top dressed;			139 52	139 52
Newbury Street.				
Carswell. William T.—				
50 sq. yds. concrete.....	.694		34 70	17 35
Noren, John and Annie L.—				
85.6 sq. yds. concrete	.694		59 40	
7 sq. yds. concrete, private; ...	.40		2 80	32 50
McHugh, Margaret B.—				
50 sq. yds. concrete.....	.694		34 70	
5 sq. yds. concrete, private;	.694		3 47	20 82
Prospect Street.				
Svenson, Svante Emil—				
21 sq. yds. concrete zprivate; ..	.693	14 55		
29.6 sq. yds. concrete, private; two coat	.40	11 84	26 39	26 39

	Rate	Items	Total	Assessed
Tripp, B. A. and C. E. —				
117.4 sq. yds. concrete, private;	.694		81 48	81 48
City Armory—				
46.4 sq. yds. concrete	.586		27 18	
Richardson Street.				
Scally, Julia A.				
73 sq. yds. concrete.....	.687	50 15		
109.5 lin. ft. edgestone	.40	43 80		
Setting 109.5 lin. ft. edgestone ..	.327	35 81		
47.1 sq. yds. concrete, private;	.687	32 35	162 11	97 23
Wyman Street.				
Dickinson, Herbert S.—				
5.6 sq. yds. concrete, private; ...	.652		3 65	3 65

CONCRETE GUTTERS AND REPAIR WORK.

Street	Sq. yds. new work	Sq. yds. two coat work	Sq. yds. top dressed	Cost
Federal Street	30	.....	.....	$20 42
Main Street	29	.....	.....	12 90
Montvale Avenue	.....	.....	11	5 04
North Warren Street	7	.....	.....	4 63
Pleasant Street	.....	.....	3 3	1 32
Prospect Street	.....	.....	106.8	53 70
Total	66		121.1	$98 01

Respectfully submitted,

JAMES McAVOY,
Clerk.

ANNUAL REPORT

OF THE

CITY AUDITOR

OF THE

CITY OF WOBURN

FOR THE YEAR 1911

THE NEWS PRINT, WOBURN, MASS.
1912

Woburn, Mass., January 1, 1912.

To the Honorable City Council:

Gentlemen:—The undersigned herewith presents the annual report of the receipts and disbursements of the City of Woburn for the fiscal year beginning January 1st, 1911, and ending December 31st, 1911, together with statements of the City debt, temporary loans, taxes, valuation of City property, etc.

Respectfully submitted,

ROBERT J. CORRY,
City Auditor.

Statement of the Funded Debt of the City January 1, 1912.

INSIDE LIMIT.

	Date of Issue	Rate	Amount Due	Am't due Yearly	Maturities
Municipal Debt!					
R—Municipal Loan	1902	3 1 2	$ 2,000		July 1, 1912
Soldiers' Monument	1902	4	300		Dec. 1, 1912
Highway No. 2, 1904	1904	4	1,500		Aug. 1, 1912
Municipal	1904	4	3,000	1,000	Nov. 1, 1912 to 1914 inclusive
R—Highway No. 2	1905	4	2,000	500	July 1, 1912 to 1915 inclusive
R—Highway No. 3	1905	4	2,000	500	Sept. 1, 1912 to 1915 inclusive
R—Highway No. 4	1905	4	2,000	500	Nov. 1, 1912 to 1915 inclusive
R—Fire Department	1905	4	2,400	600	July 1, 1912 to 1915 inclusive
R—Schoolhouse	1905	4	2,600	650	July 1, 1912 to 1915 inclusive
R—Municipal No. 1,	1905	4	2,000	500	Oct. 1, 1912 to 1915 inclusive
R—Municipal No. 2	1905	4	6,000	1,500	Oct. 1, 1912 to 1915 inclusive
New Fire Station	1906	4	3,000	1,000	July 1, 1912 to 1914 inclusive
Municipal 1906	1906	4	12,000	4,000	July 1, 1912 to 1914 inclusive
R—Municipal 1906	1906	4	3,000	3,000	July 1, 1915
Municipal	1906	4	1,000	1,000	July 1, 1915
Municipal	1906	4	4,000	4,000	July 1, 1916
New High School, No. 2	1906	4	4,000	1,000	July 1, 1912 to 1915 inclusive
R—New High School, No. 2.	1906	4	10,000	1,000	July 1, 1916 to 1925 inclusive
New High School, No. 2	1906	4	1,000	1,000	July 1, 1926
R—New High School, No. 4	1906	4	7,500	500	July 1, 1912 to 1926 inclusive
R—Municipal	1907	5	3,000		July 1, 1912
Municipal	1907	5	1,000		July 1, 1912
R—Municipal	1907	5	12,000	4,000	July 1, 1913 to 1915 inclusive
R—Municipal	1907	5	2,000		July 1, 1916
Municipal	1907	5	2,000		July 1, 1916
R—Municipal	1907	5	1,000		July 1, 1917
Municipal	1907	5	3,000		July 1, 1917
New High School	1907	4	4,000	1,000	July 1, 1912 to 1915 inclusive
Municipal	1908	4	35,000	5,000	July 1, 1912 to 1918 inclusive
R—Sidewalk and Edgestone	1908	4	500		July 1, 1912
Municipal	1909	4	32,000	4,000	July 1, 1912 to 1919 inclusive
R—Municipal, No. 2	1909	4	8,000	1,000	July 1, 1912 to 1919 inclusive
Municipal	1910	4	45,000	5,000	July 1, 1912 to 1920 inclusive
R—Municipal	1911	4	57,200	5,720	July 1, 1912 to 1921 inclusive

Sewer Debt!					
Sewer, No. 15	1906	4	1,000	200	July 1, 1912 to 1916 inclusive
R—Sewer, No. 16	1908	4	1,800	500	July 1, 1912 to 1914 inclusive
				300	July 1, 1915
Total Sewer Debt			$2,800		

OUTSIDE LIMIT.

Water Debt!					
Water	1906	4	5,000	1,000	July 1, 1912 to 1916 inclusive
R—Water	1907	4 1-2	22,000	2,000	July 1, 1912 to 1922 inclusive
Water, No. 1	1908	4	12,000	1,000	July 1, 1912 to 1923 inclusive
Water, No. 2	1908	4	12,000	1,000	July 1, 1912 to 1923 inclusive
R—Water Aux. Supply	1909	4	8,000	1,000	July 1, 1912 to 1919 inclusive
Water Relaying Mains	1910	4	19,000	1,000	July 1, 1912 to 1930 inclusive
Water, Relaying Mains	1911	4	20,000	1,000	July 1, 1912 to 1931 inclusive
Water, No. 2	1911	4	9,000	1,000	Sept. 1, 1912 to 1920 inclusive
Total Water Debt			$107,000		
New High School Debt!					
New High School	1903	3 1-2	7,000	3,000	Aug. 1, 1912 to 1913 inclusive
				1,000	Aug. 1, 1914
R—					
R—New High School	1906	4	29,000	2,000	Aug. 1, 1914
				3,000	Aug. 1, 1915 to 1923 inclusive
R—New High School	1906	4	15,000	3,000	Aug. 1, 1924 to 1928 inclusive
R—New High School	1906	4	15,000	3,000	Aug. 1, 1929 to 1933 inclusive
New High School	1906	4	8,000	400	July 1, 1912 to 1931 inclusive
Total High School Debt			$74,000		
Playground Debt					
New Playground	1909	4	3,000	500	July 1, 1912 to 1917 inclusive

Note—R indicates Registered Bonds.

PURPOSE FOR WHICH MUNICIPAL LOANS FOR 1911 WERE ISSUED.

Alsmhouse	$1,000 00	
Fire	6,000 00	
Health	1,500 00	
Highways	16,000 00	
Insurance	1,500 00	
Miscellaneous	12,000 00	
Police	1,000 00	
Moths	6,000 00	
Relief of Poor	1,000 00	
Sidewalks and Edgestones	2,000 00	
Sewer Construction	5,050 00	
Schools	4,150 00	
		$57,200 00

Water Loans Outside Limit.

Relaying Mains, (Acts 1910, Chap. 382)	20,000 00	
Land damage, (Acts 1908, Chap. 578, Sec. 2)	9,000 00	

STATEMENT OF THE FUNDED DEBT JAN.1, 1912.

Inside Limit.

General Municipal Bebt	$277,000 00	
Sewer Debt	2,800 00	

Outside Limit.

Water Debt	107,000 00	
New High Sschool Debt	74,000 00	
Playground Debt	3,000 00	
		$463,800 00

Debt	Balance Jan. 1, 1911	New Loans Issued	Payments and Sources from which derived		Balance Jan. 1, 1912
			Taxation	Sink. Fund	
Municipal	$263,350	$57,200	$33,550	$10,000	$277,000
New High School	77,400		3,400		74,000
Sewer	4,500		1,700		2,800
Water	85,500	29,000		7,500	107,000
Playground	3,500		500		3,000
	$434,250	$86,200	$39,150	$17,500	$463,800

STATEMENT OF BANK AND CORPORATION TAX

Massachusetts, Commonwealth of, Corporation Tax, Public Service	$2,788 60	
Massachusetts, Commonwealth of, Corporation Tax, Business	11,058 53	
Massachusetts, Commonwealth of, Corporation Tax, National Bank	1,000 57	
Massachusetts, Commonwealth of, Corporation Tax, Public Service and Business	188 96	
Massachusetts, Commonwealth of, Street Railway Tax	2,938 64	
Lexington & Boston Excise Tax	293 60	
Bay State Street Railway Co., Excise Tax	1,626 76	
Massachusetts, Commonwealth of, Corporation Tax, Business 1910	897 42	
Massachusetts, Commonwealth of, Corporation Tax, Business 1911	110 09	
		$20,903 17

STATEMENT OF SINKING FUND.

Received from surplus of Water Department	$17,500 00	
		$17,500 00
Applied to payment of Maturing Notes		$17,500 00

STATEMENT OF TAXES, ADDITIONS, ABATEMENTS AND COLLECTIONS.

	Year	Bal. uncollected Jan. 1, 1911	Commitment 1911	Added Taxes	Collected	Abated	Bal. uncollected Jan. 1, 1911
	1907	$102 48	.....	.....	$102 48	.....	.....
	1908	3,311 82	.....	.....	845 44	1,776 93	689 45
	1909	25,032 21	.....	75 24	20,911 04	4 00	4,192 41
	1910	61,311 56	.....	.....	36,175 38	180 47	24,955 71
	1911	.....	245,506 53	1,322 81	184,421 95	2,510 78	59,892 11
S. & E.	1909	305 92	.....	.....	305 92	.....	.....
S. & E.	1910	872 75	10 19	.....	634 49	.....	248 45
S. & E.	1911	.....	2,427 41	.....	1,689 38	.....	738 03
		$90,936 74	$247,944 13	$1,398 05	$245,086 08	4,472 18	$90,716 10

STATEMENT OF TEMPORARY LOANS.

Balance January 1, 1911:			
Year 1908		$ 3,311 82	
1909		25,032 21	
1910		61,321 46	
			$89,665 49
Borrowed in 1911:	Rate		
Jan. 26, due Oct. 15, 1911,	3.30	$20,000 00	
Feb. 7, due Oct. 15, 1911,	3.25	10,000 00	
March 9, due Oct. 15, 1910 30,000	3.11		
March 9, due Nov. 15,,1911 40,000	3.11	70,000 00	
June 28, due Dec. 1, 1911,	3.45	40,000 00	

Aug. 14, due Demand	3 5-8	15,000 00	
Sept. 13, due Demand	3 5-8	10,000 00	
Nov. 29, due Demand,	3 5-8	30,000 00	
Dec. 30, due Demand,	4 1-2	4,894 36	
			$199,894 36
			$289,559 85

Paid in 1911:

On Loans 1908	$ 3,311 82	
1909	20,915 04	
1910	36,365 75	
1911	140,000 00	
		$200,592 61
		$88,967 24

Divided into years:

1909	$ 4,117 17	
1910	24,955 71	
1911	59,894 36	
		$88,967 24

Note:—Above demand notes run at rate of 4 1-2 per cent. from January 1, 1912, until paid.

STATEMENT OF TEMPORARY EXECUTION LOAN OF 1911—$14,000.

This money was raised as a Temporary Loan, as part payment of an execution presented at the Treasurer's office September 23, 1911 of $22,160.30, according to a decree of the United States Circuit Court, Adams vs. City of Woburn. Owing to the date of its presentation, it was impossible to include it in the tax levy of 1911, therefore the expediency of a temporary loan was resorted to in order to insure its payment. The balance of the money was raised on a Water Loan.

of $9,000, having for its authority the Acts of 1908, Chapter 578, Section 2, of which this amount was available.

The amount of $14,000 is to be levied in the tax levy of 1912 to insure payment of the loan.which matures September 1, 1912.

The amount of the loan is $14,000.00, dated September 1, 1911. Maturity, September 1, 1912. Rate 3.96. Sold to F. S. Moseley & Co.

BORROWING CAPACITY.

	Valuation	Abatements	Net
1909	$11,196,722	$51,900	$11,144,822
1910	11,491,511	114,235	11,377,276
1911	11,561,370	77,188	11,484,182
	$34,249,603	$243,323	$34,006,280

Average Net Valuation		$11,335,426 00
2 1-2 per ct. of same the Legal Limit of Extension of Debt		$283,385 65
Municipal Debt (Inside Limit):		
General Purposes	$277,000 00	
Sewer Debt	2,800 00	
		$279,800 00
Borrowing Capacity, Jan, 1, 1912	$3,585 65	
Loans Maturing in 1912, which increase it	$42,970 00	
Total amount available in 1912		$46,555 65

CASH SUMMARY.

Cash Balance January 1, 1911	$ 7,625 12
Receipts Credited to Departments	206,622 85
Temporary Loans Received	199,894 36
Temporary Execution Loan	14,000 00
Taxes Received	249,633 59
Transfers from	43,223 17
Cash Balance Overdrawn Jan. 1st, 1912	5,049 60
	$726,048 60

Expended to date	$482,232 82
Temporary Loans Paid	200,592 61
Transfers to	43,223 17
	$726,048 60

CITY OF WOBURN

In City Council.
February 16, 1911.

The Standing Committee on Finance submit the following estimate of amounts of money necessary to be raised for the ensuing year, and recommend the passage of an order appropriating the sums named therein for the purposes stated.

Aldermen W. H. HENCHEY,
J. J. S. ANDREASON,
JAMES CORRIGAN,
H. A. JONES,
J. FRED MALONEY,
JOHN J. GEARY,
T. H. CANNON,
Committee on Finance.

Order Laying a Specific Tax.

Ordered—That for the purpose of defraying current expenses of the City of Woburn, for the year 1911, the following named sums of money be and they are hereby respectively appropriated to the accounts and for the objects and purposes hereinafter stated and explained, that is to say:

DEPARTMENT	Appropriations to be raised by taxation	Additional Appropriation		Total Appropriation
Abatements and Overlaying, 1908	.....	Unexpended balance	$1,101 39	$1,101 39
Abatement and Overlaying, 1909	.....	Unexpended balance	2,876 85	2,876 85
Abatements and Overlaying, 1910	.....	Unexpended balance	2,433 46	2,433 46
Almshouse	4,600 00	.....		4,600 00
Almshouse Repairs	.....	Unexpended balance	500 00	500 00
Block System	.....	Unexpended balance	430 00	430 00
Contingent Fund, Board of Public Works	25 00	Unexpended balance	9 75	34 75
Contingent Fund, Mayor	.....	Unexpended balance	50 00	50 00
Election Expenses	1,800 00	.....		1,800 00
Fire	14,000 00	.....		14,000 00
Health	1,000 00	.....		1,000 00
Highways	.....	Band and Corporation Tax except	7,000	.....
Highways, Hart Street	.....	Unexpended balance	868 34	868 34
Lockup	175 00	.....		175 00
Memorial Day	450 00	.....		450 00
Municipal Building	1,225 00	.....		1,225 00
New Water Pump	.....	Unexpended balance	10,344 25	10,344 25
Old Burial Grounds	.....	Unexpended balance	100 00	100 00
Playground	.....	Unexpended balance	74 55	74 55
Playground Equipment	.....	Unexpended balance	1 09	1 09

Police	15,000 00			15,000 00
Printing	1,600 00			1,600 00
Public Property	1,000 00			1,000 00
Public Property, Hose House Repairs		Unexpended balance	202 13	202 13
Public Property, Moths				
Relief of Poor	4,600 00			4,600 00
Safes and Vault Fittings		Unexpended balance	1,165 00	1,165 00
Salaries	11,000 00			11,000 00
Schools	67,000 00	Unexpended balance	2 47	67,002 47
Shade Trees		Unexpended balance	19 17	19 17
Soldiers' Relief	1,000 00			1,000 00
Street Lights	7,000 00	From Bank & Corp. Tax	7,000 00	14,000 00
Water Works Const. Rel. Mains		Unexpended balance	677 51	677 51
Water Meters		Unexpended balance	5,000 00	5,000 00
Woburn Public Library	4,000 00	From Dog Tax	1,118 98	5,118 98
Woburn Sewer Construction		Unexpended balance	1,108 66	1,108 66
Woburn Sewerage Maintainance	1,000 00			1,000 00
Woburn Water Maintainance		From sale of water	20,000 00	20,000 00
		Unexpended bal., 1910	$26,964 62	
		Other appropriations	28,118 98	
			55,083 60	
	$136,475 00			$191,558 60

And it is hereby provided and

Ordered—That all unexpended balances herein stated, amounting to twenty-six thousand nine hundred and sixty-four dollars and sixty-two cents ($26, 964.62) be and hereby are applied towards the payment of the appropriations above enumerated, in the manner and for the departments there specified

Ordered—That the balance of the appropriations herein enumerated, amounted to one hundred thirty-six thousand four hundred seventy-five dollars ($136,475), together with the amounts required by law to be raised on account of the City Debt, amounting to fifty-three thousand nine hundred fifty-five dollars ($53,955).

Fixed Charges.

Executions		$ 525 00
Interest on Municipal Debt		14,000 00
Interest on Sewer Debt		180 00
Municipal Loans due in 1911:		
Municipal, 1901	$3,000 00	
Municipal, 1901, reg.	1,000 00	
Municipal, 1902	2,000 00	
Soldiers' Monument, 1902	300 00	
Sidewalk and Edgestone, 1903	1,000 00	
Highway, No. 2, 1904	1,500 00	
Highway, No. 3, 1904	1,000 00	
Municipal, 1904	1,000 00	
Highway, No. 2, 1905	500 00	
Highway, No. 3, 1905	500 00	
Highway, No. 4, 1905	500 00	
Highway, No. 5, 1905	500 00	
Fire, 1905	600 00	
Schoolhouse, 1905	650 00	
Municipal, No. 1, 1905	500 00	
Municipal, No. 2, 1905	1,500 00	
Sidewalk and Edgestone, No. 1 1905	500 00	
Fire Station, 1906	1,000 00	
Municipal, 1906	4,000 00	
New High School, No. 2, 1906	1,000 00	
New High School, No. 4, 1906	500 00	
Municipal, 1907	1,000 00	

Municipal, 1907	3,000 00	
New High School, 1907	1,000 00	
Sidewalk and Edgestone, 1908 .	500 00	
Municipal, 1910	5,000 00	
New High School, 1903	3,000 00	
New High School, 1906	400 00	
Playground, 1909	500 00	
		$37,450 00
Sewer Loans Due in 1911:		
Sewer No. 4, 1895	1,000 00	
Sewer, No. 15, 1906	200 00	
Sewer No. 16, 1908	500 00	
		1,700 00
		$53,955 00

Municipal Loans. To be paid from Sinking Fund:		
Municipal, 1908	$5,000 00	
Municipal, 1909	4,000 00	
Municipal, No. 2, 1909	1,000 00	
		$10,000 00
Water Loans Due in 1911:		
Water, 1906	1,000 00	
Water, 1907	2,000 00	
Water, No. 1, 1908	1,000 00	
Water No. 2, 1908...	1,000 00	
Water, 1909	500 00	
Water, Auxiliary Supply, 1909	1,000 00	
Water, 1910	1,000 00	
		$7,500 00

and also the sums which will be required as the City's proportion of State and County Taxes, together with the sum charged to the City and assessed upon it on account of the Metropolitan Sewerage System and Metropolitan Park System, to be

raised on the Polls, Property, and Estates taxable to the City, according to the provisions of the law.

And it is further

Ordered—That the Dog Tax, amounting to one thousand, one hundred and eighteen dollars and ninety-eight cents, ($1,118.98) be placed to the credit and appropriated to the use of the Woburn Public Library Department.

And it is further

Ordered—That the proceeds of the Street Railway Franchise Tax and Street Railway Excise Tax, to be received from the State, be credited and appropriated to the use of the Highway Department. That the Bank and Corporation Tax to be received from the State, be credited and appropriated to the use of the Highway Department, with the exception of seven thousand dollars ($7,000), which shall be credited and appropriated to Street Lights.

And it is further

Ordered—That the receipts of each department, except the Water Department, be placed to the credit of their respective accounts and be considered and used as part of the annual appropriation.

And it is further

Ordered —That the amount of three hundred and seventy-five dollars ($375.00) of the four hundred and fifty dollars appropriated for the observance of Memorial Day, be paid to the Secretary of the General Committee for Memorial Day, and expended under the direction of said Committee, and that seventy-five dollars ($75.00) be paid to and expended under the direction of Charles H. Moloy Camp, No. 42, S. W. V.

And it is further

Ordered—That upon all taxes remaining unpaid after October fifteenth, 1911, interest at the rate of six per centum per annum shall be charged; and such interest shall be added to and become a part of such taxes.

In City Council.

February 16, 1911.

ead once and ordered to a second reading.

Iarch 23, 1911. Amended—passed second reading; ac-
ed and adopted as amended.
eas, 13. Absent, 2.

Attest: JOHN H. FINN, Clerk.

Iarch 23, 1911. Approved.

HUGH D. MURRAY, Mayor.

st: JOHN H. FINN, Clerk.

SUMMARY OF THE RECEIPTS AND DISBURSEMENTS, APPROPRIATIONS, AND BALANCES AND OVERDRAFTS FOR 1911.

DEPARTMENT	Over-drawn Jan. 1,1911	Appropriations $12 Limit	Appropriations Fixed Charges	Unexp'ded Balances Jan. 1,1911	Transfers to	Receipts	Transfers from	Expended to date	Unex-pended Balance	Over-drawn
Abatem t and Overlaying, 1907						37 38		37 38		
Abatem,t and Overlaying, 1908				1,101 39	1,434 98			1,814 31	721 16	
Abatem't and Overlaying, 1909				2,876 85		75 24	1,434 08	79 24	1,438 77	
Abatem't and Overlaying, 1910				2,433 46				180 47	2,252 99	
Abatem't and Overlaying, 1911			3,674 71			1,322 81		2,513 03	2,484 49	
Almshouse		4,600 00				2,288 04	440 83	6,447 21		
Almshouse Repairs				500 00				335 86	164 14	
Armory					525 00	1,308 00	648 71	659 29	525 00	
Burial Indig. Soldiers and Sail's.	111 00					111 00		111 00		111 00
Block System				430 00			1 25	428 75		
Charles River Basin Assessm't			2,785 71					2,785 71		
City Debt—Taxation			39,150 00					39,150 00		
City Debt—Sinking Fund						17,500 00		17,500 00		
Conting't. Fund Bd. of Pub.Wks		25 00		9 75			10 40	24 35		
Contingent Fund—Mayor				50 00				50 00		
County Tax			10,780 58					10,780 58		
Court House						500 00		500 00		
Election Expenses		1,800 00			500 96			2,300 96		
Execution	625 00		1,425 00			9,000 00		22,985 30		13,18530
Fire		14,000 00			550 00	6,368 80	277 13	20,641 67		
Flags, Revolutionary Soldiers					10 00				10 00	
Health—General Purposes		1,000 00				205 73		1,205 73		
Swill Collection					281 60			281 60		
Contagious Diseases					39 30	1,294 27		1,333 57		
Highways					218 64	31,307 51		32,509 49		983 34
Highways—Hart Street				868 34				862 47	5 87	
Insurance						1,500 00		399 07	1,100 93	
Interest on Municipal Debt			14,000 00		773 16	5,861 74		20,634 90		
Interest on Sewer Debt			180 00					180 00		
Interest on Water Debt					3,540 00			3'540 00		
Lockup		175 00			2 35			177 35		
Memorial Day		450 00						450 00		
Met. Sewer System Tax			11,883 88					11,883 88		
Met. Park System Tax			6'212 61					6,212 61		
Military Aid State	15 14					18 00			2 86	
Miscellaneous			119 36		5,179 56	12,358 81	8,930 17	8,652 32	75 24	
Municipal Building		1,225 00			619 33	286 32		2,130 65		
New Water Pump				10,344 25				11,493 13		1,148 88
Old Burial Grounds				100 00	100 00			200 00		
Play Ground				74 55				3 50	71 05	
								278 00	123 09	

						35 27				1,715 26
Real Estate held for taxes	1,750 53				61 93	2,319 42		6,981 35		
Relief of Poor		4,600 00		1,165 00	50 00			1,215 00		
Safes and Vault Fittings					440 99	1'420 81		12'861 00		
Salaries		11,000 00				5,948 41		72,642 21	308 67	
Schools		67,000 00		2 47				288 52	30 65	
Shade Trees				19 17	300 00					
Sinking Fund					17,500 00			17,500 00		
Sidewalks and Edgestone Con.										
Chap. 49 Sec. 44, R. L.	4,307 02					5,296 93		5,022 64		4,032 73
Soldiers' Relief		1,000 00			178 30	9 50		1,187 80		
State Aid	4,951 00					4,997 00		4,740 00		4,694 00
State Tax			16,885 00					16,885 00		
State Highway Tax			101 50					101 50		
Street Lights		7,000 00			1,133 85	7,000 00		15,133 85		
Street Watering Maintenance			1'746 29		305 64			2,051 93		
Temporary Loans										
Water Works Construction					1,325 12	667 61		1,992 73		
W. W. Con.' Mains, Rock St.					800 00		314 24	485 76		
W. W.Con. Hought'n Boviard					314 24			215 05	99 19	
W. W. Con. Rel. of Mains				677 51	5,000 00	20,000 00		25,640 48	37 03	
Water Works Maintenance						51,240 02	30,738 94	20,501 08		
Woburn Aux. Water Supply	2,438 63									2,438 63
Water Meters				5,000 00					5,000 00	
Woburn Public Library		4,000 00				1,118 98		5,118 98		
Woburn Sewer Coestruction				1,108 66		5,935 35		7,270 16		226 15
Wob. S. C. Ch. 44, Sec. 32 R. L.	343 71									343 71
Woburn Sewerage Maintenance		1,000 00				43 60	291 29	752 31		
	$18,042 03	$136,475 0	108,944 64	26,964 62	43,223 17	210,542 54	43,223 17	482,232 82	15,060 80	32,408 85
Overdraft Jan. 1st, 1911, deducted from total Overdraft										18,042 03
Fixed Charges		108,944 64								14,366 82
Unexpended balances Jan.1 1911		26,964 62								
Receipts Credited to Depts.		210,542 54								
Transfers to		43,223 17								
		526,149 97								
Expended to date	482,232 82									
Transfers from	43,223 17	525,455 99								
		693 98								
		14,366 82								
Overdraft		15,060 80							15,060 80	
Commitment credited to Sidewalk and Edgestone Con.						2,438 46				
						1,481 23	2,919 69			
Added Taxes							206,622 88			

SALARIES OF THE CITY OFFICIALS AND EMPLOYEES AS FIXED BY THE REVISED ORDINANCES OF 1911.

Assessors, Assistants, twenty-five cents per hour actual duty
  Chairman, seven hundred dollars.
  Clerk, seven hundred dollars.
  One other, three hundred dollars.
City Auditor, six hundred dollars.
City Clerk, eleven hundred dollars.
City Messenger, one hundred and fifty dollars.
City Physician, four hundred dollars.
City Solicitor, six hundred dollars.
City Treasurer, nine hundred dollars.
Clerk, Council, one hundred dollars.
Clerk, Committees, three hundred and fifty dollars.
Collector of Taxes, one thousand dollars.
  Deputy, five hundred dollars.
Engineer, Assistant, Fire Department, three hundred and fifty dollars.
  Chief, Fire Department, five hundred dollars.
Firemen, Hose 1, 2, 3, 4, 5, and 6, each man one hundred dollars.
  Hook and Ladder, each man one hundred and twenty dollars.
  Driver, Hook and Ladder, one thousand dollars.
  Drivers, Hose 1 and 6, each nine hundred dollars.
  Permanent Firemen, seven hundred dollars.
  Drivers Hose 2, 3, 4, and 5, two hundred and fifty-six dollars a year in addition to salary as firemen.
  Superintendent of Fire Alarm, one hundred and fifty dollars.
  Engineer of Steamer, fifty dollars.
  Stoker for Steamer, one hundred dollars.
  Captain and Lieutenant of each company, each ten dollars a year in addition to salary as fireman.
Health, Chairman of Board, two hundred dollars.

Two other members of Board, one hundred and fifty dollars each.

Inspector Milk and Vinegar, five hundred dollars.

Animals and Provisions, two hundred and fifty dollars.

Bacteriologist, two hundred dollars.

Loicense Cmmissioners, Chairman and Clerk, one hundred and fifty dollars, during license year.

Two other commissioners, one hundred dollars each.

Lockup Keeper, one hundred and fifty dollars.

Overseers of the Poor, Clerk and Almoner, eight hundred dollars.

Two other overseers, twenty-five dollars each.

Police, Chief, fifteen hundred dollars.

Lieutenant, one thousand dollars.

Regular, nine hundred and fifteen dollars.

Special, twenty-five cents per hour actual service.

Registrars of Voters, one hundred dollars each.

Sealer, Weights and Measures, two hundred dollars.

Treasurer, Sinking Fund, one hundred dollars.

ABATEMENTS AND OVERLAYINGS, 1907.

Receipts.

Transferred from Abatements and Overlayings, 1908	$37 38

Expended.

Abatements	37 38

ABATEMENTS AND OVERLAYINGS, 1908.

Receipts.

Balance Jan., 1911	$1,101 39	
Transferred from Abatements and Overlayings, 1909	1,434 08	
		$2,535 47

Expended.

Abatements, 1908		1,814 31
Balance, Jan. 1, 1912		$721 16

ABATEMENTS AND OVERLAYINGS, 1909.

Receipts.

Balance, Jan. 1, 1911	$2,876 85	
Added taxes 1909	75 24	
		$2,952 90

Expended.

Transferred to Abatements and Overlayings, 1908	$1,434 08	
Abatements 1909	79 24	
		$1,513 32
Unexpended balance Jan. 1, 1912		$1,438 77

ABATEMENTS AND OVERLAYINGS, 1910.

Receipts.

Unexpended balance Jan. 1, 1911...	$2,433 46

Expended.

Abatements	180 47
Unexpended balance Jan. 1, 1912	$2,252 99

ABATEMENTS AND OVERLAYINGS, 1911.

Receipts.

Commitment, 1911	$3,674 71	
Added taxes, 1911	1,322 81	
		$4,997 52

Expended.

Abatements	2,513 03
Unexpended balance, Jan. 1, 1912	2,484 49

ALMSHOUSE.

Receipts.

Appropriation	$4,600 00	
Board of James Mooney	85 42	
Board of James Mooney	84 59	
Board of Sylvester Totman	65 00	
Board of Ellen Conway	120 25	
Board from Town of Burlington	26 00	
Sundry	1 00	
Calves	16 00	
Barrels	4 50	
Clothing	7 67	
Cow	35 00	
Hay	273 15	
Junk	2 47	
Labor	1 50	
Produce	108 78	
Stove	15 00	
Swine	66 50	
Wood, etc.	375 30	
Municipal Loan, 1911	1,000 00	
		$6,888 04

Expended.

Agency Fee:			
Reardon, H. C.		$1 00	
Axle Grease:			
Hartshorne, George ...		1 75	
Baskets:			
Breck, Joseph & Son...		6 45	
Blankets:			
McGrath, James		66 00	
Brooms:			
Woburn Broom Co. ..		3 00	
Care of Cows and Swine:			
Pushee, F. M.	4 00		
Skilton, F. C.	3 00		
		$7 00	
Carriage Hire:			
Bostwick, Edward	$1 00		
Fitzgerald, F. A.	2 00		
Harkins, B. J.	1 00		
		4 00	
Coal:			
Lord, Herbert	$43 75		
Winn, J. F. & Co.	421 50		
		465 25	
Cow:			
Pettingill, C. S.		85 00	
Curry Comb:			
McKenzie, H. F.		25	
Dishes:			
Lalance Grosgean Mfg. Co.		17 63	
Dressing Hogs:			
Becker, Sebastian		2 50	
Amount carried forward			$659 83

Amount brought forward			$659 83
Dry Batteries:			
Bates, J. H. & Son		1 00	
Drugs, Prescriptions, etc.			
Duncan & Young	$17 35		
Kelley, D. W.	68 23		
McLaughlin & Dennison	6 95		
Whitcher, A. W.	15 95		
		108 48	
Dry Goods:			
Copeland & Bowser ..	$35 41		
Dreyfus, Jacob.....	52 42		
Kenney, M. M.	46 74		
Mass. State Prison	126 60		
Munroe, C. M.	8 60		
Ordway, Loring, & Ricker	7 20		
		276 97	
Expenses of Master:			
Begley, T. J.		4 70	
Express and Freight:			
American Express Co.	$2 83		
B. & M. R. R.	2 85		
Hart Express Co.	60		
Taylor's Express	2 30		
		8 58	
Extinguishers:			
Am. LaFrance Fire Eng. Co.		61 75	
Fish:			
Colegate, Wm. C. C. ...	$64 59		
Kenny & McPartlin ...	54 06		
Pierce, Austin, Caswell, Livermore	4 25		
Amount carried forward			$1,121 31

Amount brought forward			$1,121 31
Snow, R. J.	10 97		
		133 87	
Fruit:			
Cuneo & Halliday		36 50	
Garden Seeds, Bulbs, Plants etc.			
Anderson, A.	$ 2 00		
Breck, Joseph & Son...	22 94		
Graham, James	1 75		
Woburn Hardware Co ...	69		
		27 38	
Grain:			
Cummings, Chute & Co	$300 61		
Ham & Co.	41 20		
		341 81	
Hardware Sundries:			
Woburn Hardware Co.	$43 33		
Woolworth, F. W.	6 10		
		49 43	
Harness Repairs:			
McKenzie, H. F.		6 95	
Ice:			
Spring Water Ice Co.		51 69	
Insecticide:			
Murray, E. A.		7 50	
Lard:			
Armour & Co.		29 48	
Light:			
Edison Elec. Illum. Co.		101 90	
Lumber:			
Barker Lumber Co.....	$7 04		
White, C. W. & Co. ...	1 50		
		8 54	
			$1,916 56

Amount brought forward		$1,916 36	
Manure:			
McGoff, Thomas		8 75	
Mattress:			
Caldwell, E.		6 00	
Metal Polish:			
Mulligan Oil Co.		2 50	
Measuring Wood:			
Converse, A.		5 00	
Nutriotone:			
Eames & Carter		4 00	
Outside Relief, Provisions:			
Relief of Poor Dept.		192 46	
Papers, Stationery, Etc.			
Moore & Parker	$15 10		
Woburn Journal	1 50		
		16 60	
Provisions:			
Dickinson, H. S.	$87 61		
Durward, George	108 00		
Gray, E. E.	5 75		
Linnell, James	142 35		
McLaughlin, J. B.	272 93		
Soles & Towse	187 95		
Swift & Co.	17 44		
		822 03	
Rent of Box:			
Woburn Post-office		4 00	
Salaries and Wages:			
Begley, T. J.	$650 00		
Begley, Mrs. J. F.	250 00		
Corcoran, Mary E.	120 00		
Garten, Delia	72 00		
Maroney, Mary	18 00		
Amounts carried forward			$2,977 70

Amount brought forward		$2,977 70	
McDonald, Delia.....	126 00		
McKay, Jane	90 50		
Nickerson, Albert	287 50		
Tigh, Delia	91 50		
Reddy, Mary	60 00		
		1,765 50	
Sawing Wood:			
Shaw & Russell		26 00	
Soap:			
Armour & Co.		70 00	
Subscription:			
Woburn Journal		1 50	
Sundry Furnishings and Repairing:			
Caldwell, E.		6 50	
Sundry Groceries, Tobacco, etc.:			
Bowman & Co.	$445 58		
Gray, E. E.	5 75		
Haskell, Adams Co. ..	3 30		
Maloney, John	159 33		
Moore, Thomas	727 54		
		1,341 50	
Sundry Shoes and Shoe Repairing:			
Mass. State Prison	$38 40		
McCormick, T. F.	9 00		
McMullen, Joseph.....	21 20		
		68 60	
Sundry Shoeing, Repairing, and Painting:			
Broad St. Shoeing Forge	$ 6 25		
Colegate, H. W.....	12 00		
Amounts carried forward			$6,257 30

Amounts brought forward		$6,257 30	
Davis, Frank G.	1 10		
Gray, T. J. & Co.	5 00		
Grothe, John J.	11 99		
Quigley, J. E.	16 75		
Woburn Machine Co. ..	63		
		53 72	
Teaspoons, etc.:			
Smith & Varney		5 75	
Telephone:			
N. E. Tel. & Tel. Co. .		25 28	
Toilet Paper:			
Stone & Forsythe		6 50	
Truss:			
White, C. W. & Co. ...		5 75	
Veterinary Services:			
Jones, D. S.	$3 00		
Stuart, J. N.	3 00		
		6 00	
Water Rates:			
Woburn Water Bureau.		51 30	
Whiskey:			
Jones, W. H. Co.		35 61	
Transfer of surplus to Miscellaneous		440 83	
			$6,888 04

Almshouse Repairs.

Receipts.

Transferred from Miscellaneous ...		$500 00

Expended.

Cement Floor:		
Phelan, Matthew J.	65 00	
Amounts carried forward		$65 00

Amounts brought forward	$65 50	
Electrical Work:		
Davis, Frank G.	6 70	
Expressing:		
Hart & Co. Exp.	1 50	
Flooring, Thresholds, etc.		
Ring, T. J.	65 00	
Kitchen Ceiling Hood:		
Woburn Hardware Co.	72 77	
Laying Drain:		
Woburn Sewer Construction	5 53	
Labor, Mason		
Hooper, Samuel	9 40	
Painting, Papering, etc.:		
Larock, J. C.	55 19	
Repairing Gutters:		
Ring, T. J.	21 09	
Repairing Ice Chest:		
Langill, Amos.....	21 43	
Roofing Material:		
Lord, H. E.	12 25	
		$335 86
Unexpended balance Jan. 1, 1912		164 14

ARMORY

Receipts.

Massachusetts, Commonwealth of	$1,308 00	
Transferred from Miscellaneous Locker account	525 00	
		$1,833 00

Expended.

Coal:			
Cummings, Chute & Co.		197 13	
Janitor:			
Stowers, Fred E.		200 00	
Hardware Sundries:			
Blye, H. B. & Co., ...		4 46	
Light:			
Edison Elec. Illum. Co.	117 30		
Woburn Gas Light Co..	76 40		
		193 70	
Plumbing Repairs:			
Stretton, W. G.		1 40	
Teaming Ashes:			
O'Donnell, James		11 25	
Telephone:			
N. E. Tel. & Tel. Co. .		37 85	
Water Rates:			
Woburn Water Bureau.		13 50	
Transfer of surplus to Miscellaneous		648 71	
			$1,308.00
Unexpended balance Jan. 1, 1912			$525 00

BLOCK SYSTEM.

Receipts.

Unexpended balance Jan. 1, 1911		$430 00

Expended.

Pay Rolls	428 75	
Transferred to Miscellaneous	1 25	
		$430 00

BURIAL INDIGENT SOLDIERS AND SAILORS.

Receipts.

Massachusetts, Commonwealth of ..	$111 00

Expended.

Hall, H. C., Burial Agent	111 00
Overdraft Jan. 1, 1911	111 00
Overdraft Jan. 1, 1912	$111 00

CHARLES RIVER BASIN ASSESSMENT.

Receipts.

Appropriation	$2,785 71

Expended.

Massachusetts, Commonwealth of ..	$2,785 71

CONTINGENT FUND, BOARD OF PUBLIC WORKS.

Receipts.

Appropriation	25 00	
Unexpended balance Jan. 1, 1911	9 75	
		$34 75

Expended.

City Directory:			
Greenough, W. A.		3 00	
Express:			
American Express ...	20		
Hart & Co.	15		
	—	35	
Printing and Stationery:			
Hooper, Lewis Co. ...	$4 25		
Moore & Parker	3 90		
The Evening News ..	9 25		
		17 40	
Rent of Box:			
Wyer, E. F., Postmaster		3 00	
Typewriter Ribbon			
McArdle, H. B. Co. ..		60	
Transferred to Miscellaneous		10 40	
			$34 75

CONTINGENT FUND, MAYOR.

Receipts.

Unexpended balance Jan. 1, 1911	$50 00

Expended.

Sundry Expenses:	
Murray, Hugh D.,Mayor	$50 00

COUNTY TAX.

Receipts.

Appropriation	$10,780 58

Expended.

Hayden, J. O., County Treasurer....	$10,780 58

COURT HOUSE.

Receipts.

Rent:	
Middlesex, County of ...	$500 00

Expended.

Heat:			
Municipal Building ...		286 32	
Light:			
Woburn Gas Light Co..	$ 9 24		
Edison Elec. Illum. Co.	165 28		
		174 52	
Repairing:			
Queeney, Forbes Co....	$ 74		
Ring, T. J.	3 55		
Stretton, W. G. ..	2 20		
Walker, H. J.	10 67		
		17 16	
Towels:			
N. E. Towel Supply Co.		13 00	
Water Rates:			
Woburn Water Bureau.		9 00	
			$500 00

ELECTION EXPENSSE.

Receipts.

Appropriation	$1,800 00	
Transferred from Miscellaneous ...	500 96	
		$2,300 96

Expended.

Ballot Box:			
Coleman, E. K.		50 00	
Cabinet:			
Library Bureau		45 50	
Care of Polling Places			
Connell, J.	$25 00		
Green, A. W.	25 00		
McMorrow, J. J.	25 00		
Svensson, Emil	25 00		
		100 00	
Conveying of Ballot Boxes:			
Doherty, M. J.	$43 00		
Fitzgerald, F. A.	13 50		
Harkins B. J.	7 00		
Holland Bros.....	60 00		
		123 50	
Conveying Registrars:			
Fitzgerald, F. A.....	9 00		
Hall Hire:			
Div. 3, A. O. H.	$30 00		
Lieberman, S.....	10 00		
Lyceum Hall Ass'n. ..	90 00		
Owners Dow Block ...	52 50		
Winn, C. B. Camp S. of V.	40 00		
Amount carried forward			$328 00

Amount brought forward			$328 00
Woburn Five Cents Savings Bank	20 00		
		242 50	
Hardware Sundries:			
Byle, H. B. Co.		1 28	
Installing Lights in Booths:			
Queeney, Forbes Co....	$56 10		
Sanderson, E. C.	35 00		
		91 10	
Pay Roll		1,008 00	
Pay Roll, Recount		28 00	
Printing, Advertising, etc.			
Andrews Print	$81 00		
Cutter, S. H.	19 00		
Daily Times Print	246 65		
Evening News Co. ...	96 50		
Hobbs, Geo. A.	52 25		
		495 40	
Setting up Booths:			
Smith, A. Y.....		84 55	
Repairing Ballot Boxes:			
Woburn Machine Co. .		22 13	
			$2,300 96

EXECUTION.

Receipts.

Appropriation	$1,425 00	
Water Loan, (Land Damage)	9,000 00	
		$10,425 00

Expended.

Crosby, Rose A.	$500 00		
Sevrens, W. P.	25 00		
Weldon, Mary J.	300 00		
Wheelwright, John T., Attorney for E. B. Adams, Principal and Interest to September 12	22,040 00		
Cost of Court	87 00		
Interest September 12 to September 22, 1911 ...	32 30		
Execution	1 00		
Overdraft Jan, 1. 1911 .	625 00		
		23,610 30	
Overdraft Jan. 1, 1912 .			$13,185 30

FIRE.

Receipts.

Appropriation	14,000 00	
Municipal Loans 1911 ..	6,000 00	
Transferred from Miscellaneous	550 00	
Sale of horses, O'Neil, Chas.	175 00	
Schools	5 70	
Street Watering Maintenance	188 10	
		$20,918 80

Expended.

Accessories:			
American La France Co.	$40 50		
Gamewell Fire Alarm Co.	3 00		
		43 50	
Amount carried forward			$43 50

Amount brought forward			$43 50
Bicarbonate of Soda:			
Eastern Drug Co.		2 25	
Board of Horses:			
Doherty, M. J.		37 44	
Brooms, Brushes, etc.			
Central Hardware Co. .	$ 1 75		
Somerville Brush Co. ..	10 50		
Woburn Broom Co. ..	10 70		
		22 95	
Cable:			
Ferrin, F. M.		10 34	
Care and Driving Chief's Team:			
Doherty, M. J.		378 50	
Clipping Horses:			
Central House Stables .	$3 00		
Tripp, B. A. & Co.	3 50		
		6 50	
Disinfectants:			
Highley's Pharmacy .	$ 75		
Robbins, Geo. B. Disinfectant Co.	2 70		
		3 45	
Drug Sundries:			
Callahan, E. H. & Co. .	$8 01		
Eastern Drug Co.	2 24		
		10 25	
Express and Freight:			
American Express Co.	$2 55		
Boston & Maine R. R.	73		
Hart & Co.	8 00		
		11 28	
Amount carried forward			$526 46

Amount brought forward			$526 46
Fire Alarm, Box 261:			
Gamewell Fire Alarm Co.		100 00	
Fire Alarm Repairs:			
Haney, James		9 50	
Floor Brush:			
Dalliman, H. I., Co.		4 00	
Fuel:			
Cummings, Chute & Co.	$374 00		
Eames & Carter.....	4 30		
Winn, J. F. & Co., ...	359 66		
		737 96	
Furniture:			
Burnes, M. A.	$4 00		
Caldwell, E. & Co.	29 75		
Looney, H. J.	1 00		
		34 75	
Hardware Sundries:			
Blye, H. B. & Co.	$29 04		
Central Hardware Co. .	11 20		
Holdridge Hardware Co.	4 84		
Woburn Hardware Co.	23 54		
		68 62	
Harness and Harness Repairing:			
McKenzie, H. T.	$21 50		
Robert, Carlton Co. ...	5 00		
		26 50	
Hauling Hose, Team and Horse Hire:			
Boutwell, C. P.	$3 00		
Boutwell, G. A.	2 00		
		5 00	
Amount carried forward			$1,512 79

Amount brought forward			$1,512 79
Hay, Grain, Straw, Etc.:			
Cummings, C. & Co.	$72 90		
Cummings, Chute & Co.	376 55		
Ham & Co.	604 76		
Jaquith & Co.	239 56		
		1,293 77	
Horses:			
Bustead, Adam	$175 00		
Wheeler, McElveen Co.	1,000 00		
		1,175 00	
Hose Basket:			
Morse & Whyte Co.		12 00	
Janitors' Supplies:			
Dwyer, John		4 32	
Light:			
Edison Elec. Illum. Co.	$149 60		
Woburn Gas Light Co.	200 11		
		349 71	
Liniment:			
Stuart, Jas. N.		3 00	
Lumber:			
Barker Lumber Co.		15 46	
Metal Polish, Sponges, etc.:			
Heaney Mfg. Co.		27 00	
Mud Shield:			
Holmes, P. Co.		2 75	
Oil:			
Shea, M. W.		7 80	
Painting Ladders:			
Sherburne, E. B.		10 45	
Pension:			
Buckley, C. P.		450 00	
Amount carried forward			$4,864 05

Amount brought forward			$4,864 05
Printing and Stationery:			
Andrews Print	$13 20		
The Evening News ..	9 10		
Woburn Postoffice	9 34		
		31 64	
Rebuilding Truck and New Bell:			
Kress, O. F. & Son		575 00	
Repairing Gamewell:			
Western Elec. Inst. Co.		10 23	
Repeater and Switchboard:			
Gamewell Fire Alarm and and Telegraph Co. .		1,450 00	
Salaries and Wages:			
Connell, John	$156 00		
Cuneo, M. J.	371 75		
Flaherty, P.	980 73		
Green, A. W.	156 00		
Kenney, John F.	260 58		
Kerrigan, Daniel	882 81		
Long, Edward	100 00		
Lawn, Patrick	562 50		
Larock, J. C.	89 42		
McKay, J. P.	882 81		
McMorrow, J. J.	156 00		
Nichols, G. W.	1,000 00		
Svennson, Emil	156 00		
Tracy, F. E.	500 00		
Hose 1.	682 47		
Hose 2	767 14		
Hose 3	815 84		
Amount carried forward			$6,930 92

Amount brought forward			$6,930 92
Hose 4	806 68		
Hose 5	809 50		
Hose 6	718 00		
Hook & Ladder Co. ...	1,205 00		
		12,059 23	
Services at Fires:			
App, J.	$1 00		
Blaisdell, W.....	1 00		
McManus, T.	1 00		
Peters, I.	1 00		
Callahan, Thomas	9 25		
		13 25	
Shoeing and Repairing:			
Broad St. Shoeing Forge	$8 25		
Given, F.	129 25		
Given, James	43 60		
Maxwell, George	16 75		
Quigley, J. E.	16 25		
Tripp, B. A. & Co.	95 57		
Welsh, R. F.....	30 00		
		339 67	
Springs: ...			
Kress, O. F. & Son		5 00	
Sundries:			
Boston Branch Grocery	$6 65		
Copeland & Bowser ..	2 25		
Maloney, John	50		
		9 40	
Sundry Repairs and Supplies:			
Berry, C. E.	$22 30		
Callahan, Cornelius....	3 30		
Grothe, John J.	75		
Amount carried forward			$19,357 47

Amount brought forward			$19,357 47
Stowers, C. E.	27 22		
Stretton, W. G.	50		
Stuart-Howland Co.	17 83		
		71 90	
Sunday Street Watering:			
McKay, J. P.		52 50	
Telephones:			
N. E. Tel. & Tel. Co.		149 84	
Use of Auto:			
Hammond, W. J.		3 00	
Use of Horses and Driver:			
Highway Department		672 00	
Veterinary Services:			
Stuart, James N.		47 25	
Wagon Hire and Repairs:			
Ames, C. W.	$30 16		
Boutwell, G. W.	4 00		
Larock, J. C.	45 00		
Shaw & Campbell	11 45		
		90 61	
Watching Fires:			
Haney, James		9 00	
Washing Bedding:			
Boyce, Kate	$64 00		
Winchester Laundry	1 60		
		65 60	
Water Bills:			
Bureau of Water and Water Supply		119 50	
Work on Fire Alarm:			
Haney, James		3 00	
Transfer of Surplus to Miscellaneous		277 13	
			$20,918 80

FLAGS—REVOLUTIONARY SOLDIERS.

Receipts.

Transferred from Miscellaneous		$10 00
Unexpended balance Jan. 1, 1912		$10 00

HEALTH DEPARTMENT.

Receipts.

Appropriation, General Expenses		$1,000 00	
Municipal Loan, 1911	$205 73		
Municipal Loan, 1911, Contagious Diseases	1,294 27		
		$1,500 00	
Transferred from Miscellaneous:			
Swill Collection		281 60	
Contagious Diseases		39 30	
			32,820 90

Expended.

Advertising, Stationery, Printing, etc.			
Andrews Print	$ 5 75		
Daily Times Print	17 00		
Evening News Co.	40 15		
Moore & Parker	6 80		
		69 70	
Amounts carried forward			$2,977 70

Amount brought forward			$69 70
Burying Dead Animals:			
Sundry Persons		11 25	
Carriage Hire:			
Central House Stables .		17 00	
Collecting Garbage, Etc.			
McGofl, Thomas P. ..		281 60	
Drugs, Disinfectants, etc.:			
Kelley, D. W.	$19 41		
McLaughlin & Dennison	1 20		
Thomas, F. H. Co.	39 82		
		60 43	
Expressing:			
American Express Co.		11 90	
Hospital Expenses—Contagious Diseases:			
Boston, City of	$508 86		
Lakeville Sanatorium	215 46		
Lynn, City of	85 00		
No. Reading Sanatorium	288 47		
Rutland Sanatorium ..	37 71		
Salem, City of	58 00		
Worcester, City of.....	67 29		
		1,260 79	
Hospital Supplies:			
Whitman, F. J.		16 56	
Loss of Services by Quarantine:			
Donohue, Bert J.....	$45 50		
Geary, Carl	10 72		
		56 22	
Amount carried forward			$1,785 45

Amount brought forward			$1,785 45
Physicians' Fees:			
Bixby, J. P.	$4 00		
Tedford, Ada H.	38 55		
		42 55	
Postage Stamps, Rent of Box, Etc.			
Wyer, E. F., Postmaster		19 20	
Salaries:			
Hall, H. C.	$360 00		
Kelley, E. P.	418 10		
McDonough, P. T.	49 70		
Mulkeen, Thomas	99 96		
		927 76	
Sundry, Expenses, etc.			
Hall, H. C.	$2 76		
McDonough, P. T.	3 83		
		6 59	
Work on Dumps and Town Meadow Brook:			
Keating, T.	$18 00		
Martin, Philip	21 35		
		39 35	
			$2,820 90
Expenditures Classified:			
General Expenses		$1,205 73	
Swill Collection		281 60	
Contagious Diseases .		1,333 57	
			$2,820 90

HIGHWAYS.

Receipts.

Municipal Loan, 1911....	$16,000 00	
Bank and Corporation Tax, Corporation Tax, Massachusetts Commonwealth of	9,044 17	
Street Railway Tax, Massachusett, Commonwealth of	2,938 64	
Excise Tax:		
Bay State Street Railway Co.....	1,626 76	
Lexington & Boston Street Railway Co.	293 60	
Transferred from Miscellaneous:	218 64	
Hay, Larock, J. C.	48 99	
Keeping horses, W. W. M.	360 00	
Keeping horses, Fire Dept.	674 72	
Setting Letter Boxes, Woburn Post office	4 00	
School Dept.	1 00	
Sidewalk and Edgestone Dept.	176 96	
Use of Roller, B. & M. R. R.	26 00	
Use of Scraper, B. & M. R. R.	8 00	
Use of Teams, Hart St. ..	104 67	
		$31,526 15

	Expended.		
Birch Trees:			
Foster, George H. Agent		$10 00	
Brooms, Shovels, etc.			
Bond, H. L. & Co. ...	$9 00		
Dalliman, H. I. & Co.	9 00		
Francis, William	5 00		
		23 00	
Carpenter Work and Repairing:			
Ames, C. W.....	$26 40		
Devine, T. J.	108 25		
Greydon, F. W.	13 75		
		148 40	
Coal and Wood:			
Cummings, C. & Co. .	$336 93		
McDonald, James	6 50		
		343 43	
Cement, Etc.			
Jaquith & Co.		35 10	
Crusher and Accessories:			
Universal Road Machinery Co.		1,586 56	
Drill, Supplies:			
Ellis, J. M. & Son	$8 40		
Ingersoll, Sargent Co ..	13 28		
		21 68	
Dynamite, Exploders, Fuses etc			
Gillis, John	$2 16		
Sampson, George H. Co.	125 38		
Sanderson, E. C.	9 50		
Stretton, W. G.	42		
		137 46	
Amount carried forward			$2,305 63

Amount brought forward			$2,305 63
Drug Supplies:			
Callahan, E. H. & Co. .		11 37	
Dust Preventative:			
Headley Good Roads Co.		63 25	
Express and Freight:			
American Express Co.	$ 60		
B. & M. R. R.	31 78		
Hart & Co.	2 05		
Taylor's Express	1 55		
		35 98	
Gravel:			
Bennett, Matthew J. ..	$60 60		
Cummings, Everett ...	40 00		
McGrath, J. F.	39 90		
Upton, Nat.....	1 05		
		141 55	
Hardware Sundries:			
Blye, H. B. & Co.	$28 89		
Central Hardware Co. .	104 12		
Holdridge Hardware Co.	60 57		
Woburn Hardware Co.	27 15		
		220 73	
Hack Hire:			
Doherty, M. J.		4 00	
Hay, Grain and Straw:			
Almshouse	$248 15		
Cummings, Chute & Co.	572 81		
Ham & Co.	910 90		
Jaquith & Co.	708 25		
		2,440 11	
Amounts carried forward			$5,222 62

Amount brought forward			$5,222 62
Horses:			
Wheeler, McElveen & Co.		286 50	
Inspection of Boilers:			
Kearney, John B.	$5 00		
Luck, George A.	5 00		
		10 00	
Installing Motor at Crusher:			
Woburn Machine Co. .		485 44	
Lettering Signs:			
Larock, J. C.	$11 00		
Studley, J. W.	59 84		
		70 84	
Light and Power:			
Edison Elec. Illum. Co.		424 09	
Lumber:			
Barker Lumber Co.....	$220 78		
Kean, Thomas R.	16 92		
		237 70	
Oil:			
Commonwealth Oil Co.	$42 66		
Maloney, John	35		
Shea, M. W.	9 00		
		52 01	
Printing:			
The Evening News Co.		1 00	
Rent of Land:			
McDonald, J. B.		120 00	
Repairing and Installing Crusher:			
Woburn Machine Co. .	1,100 78		
Ingersoll, Sergeant Drill Co.	8 48		
W. W. M.	9 22		
		1,118 48	
Amounts carried forward			$8,028 68

Amounts brought forward			$8,028 68
Rubber Boots:			
McCormick, T. F.		5 50	
Salaries and Pay Rolls:			
Martin, Hugh	$ 1,000 00		
Pay Rolls	21,141 66		
		22,141 66	
Sewer Pipe:			
Eastern Clay Goods Co		28 12	
Shoeing and Repairing:			
Given, F.	$382 18		
Grothe, J. J.	344 01		
Maxwell, George	3 15		
McKenzie, H. F.	86 28		
Quigley, J. E.	83 40		
Sanderson, E. C.	2 50		
Tripp, B. A. & Co.	35 00		
Wilson, Thomas.....	5 75		
Woburn Machine Co. .	188 34		
W. W. M.	7 58		
		1,138 19	
Standard Food:			
Ame & Co.		30 00	
Starine:			
Stretton, W. G.		1 90	
Stone Bin:			
Woburn Machine Co. .		450 00	
Sundry Supplies:			
Grothe, J. J.	$42 40		
Hammond & Son Co. ...	50		
Joy Mfg. Co.	2 00		
Moore, Thomas	1 65		
Woburn Machine Co. .	204 44		
		250 99	
Amount carried forward			$32,075 04

Amount brought forward		$32,075 04
Tarvia and Teaming:		
Barrett Mfg. Co.	99 76	
Telephone:		
N. E. Tel. & Tel. Co. .	41 69	
Veterinary Services:		
Stuart, James N.	32 00	
Water Rates:		
Woburn Water Bureau.	261 00	
		$32,509 49
Overdraft Jan. 1, 1912 .		$983 34

HIGHWAYS—HART STREET.

Receipts.

Unexpended balance Jan. 1, 1911		$868 34

Expended.

Pay Rolls	757 80	
Superintendent and teams	104 67	
		862 47
Unexpended balance Jan. 1, 1912		5 87

INSURANCE.

Receipts.

Municipal Loan, 1911....	$1,500 00

Expended.

Agents:		
Blake, W. J.	$28 50	
Deland, J. F.	28 51	
Dolan, T. J.	28 51	
Furbush, Levi	28 51	
Heywood, J. Q.	28 50	
Leedman, W. T.	28 50	
Lovell, J. F.	28 50	
Maguire, W. F.	28 52	
McDonaugh, C. A. ..	28 50	
McHugh, B. F.	28 52	
McSweeney, B.	28 48	
Prior, E. F.	28 51	
Queenan, John J.	28 51	
Wilcox, Walter	28 .50	
		399 07
Unexpended balance Jan. 1, 1912		$1,100 93

INTEREST ON MUNICIPAL DEBT.

Receipts.

Appropriation		$14,000 00	
Premiums:			
E. & Co.	$ 1 25		
E. H. R. & Son	613 40		
F. L. M. & Co.	1 25		
R. L. D. Co.	114 21		
		730 11	
Amount carried forward			$14,730 11

Amount brought forward		$14,730 11
Interest Inactive Account:		
Woburn National Bank	436 31	
Accrued Interest	1,151 53	
Interest on Overdue Taxes	3,159 62	
Interest on deposits	384 17	
Transferred from Miscellaneous	773 16	
		20,634 90

Expended.

On Municipal Debt:		
Woburn Nat'l. Bank...	$13,960 00	
On Temporary Loans:		
Edgerley & Crocker at 3.30	480 33	
Estabrook & Co. at 3.11	1,427 98	
Loring, Tolman & Tupper at 3.45	598 00	
Old Colony Trust Co. at at 3.25	224 79	
Woburn 5c Savings Bank tax notes at 4.50	3,528 94	
Woburn 5 Cents Savings Bank at 3 5-8	414 86	
		$20,634 90

INTEREST ON SEWER DEBT.

Receipts.

Appropriation	$180 00

Expended.

Woburn National Bank	180 00

INTEREST ON WATER DEBT.

Receipts.

Transferred from Water Department	$3,540 00

Expended.

Woburn National Bank, Interest on Loans	3,540 00

LOCKUP.

Receipts.

Appropriation	$175 00	
Transferred from Miscellaneous	2 35	
		$177 35

Expended.

Brooms:		
Moore, Thomas Co. ...	$ 85	
Food for Prisoners:		
Doherty, E. F.	26 50	
Keeper:		
French, A. G.	150 00	
		$177 35

MEMORIAL DAY.

Receipts.

Appropriation		$450 00

Expended.

Paid Treasurer G. A. R. General Committee ...	$375 00	
Paid Treasurer S. W. V. Memorial Day Committee:.....	75 00	
		$450 00

METROPOLITAN SEWER SYSTEM TAX.

Receipts.

Appropriation	$11,883 88

Expended.

Massachusetts, Commonwealth of	11,883 88

METROPOLITAN PARK SYSTEM TAX.

Receipts.

Appropriation	$6,212 61

Expended.

Massachusetts, Commonwealth of	$6,212 61

MILITARY AID—STATE.

Receipts.

Massachusetts, Commonwealth of	$18 00

Expended.

Overdraft Jan. 1, 1911 .	15 14
Unexpended balance Jan. 1, 1912	$2 86

MISCELLANEOUS.

Receipts.

Muncipal Loan, 1911		$12,000 00	
Fees:			
Druggists' Licenses ...	$5 00		
Hall, H. C.	5 50		
Kelley, E. P.	36 00		
		46 50	
Sale of Land—Quit Claim Deed:			
Kelley, J. F.		129 00	
Release Deed:			
B. J. Golden		97 88	
Refund Re-assessment:			
A. Brogi		10 19	
Irving, M. Vincent		75 24	
Amount carried forward			$12,858 81

Amount brought forward			$12,358 81
National Bank Tax:			
Massachusett, Commonwealth of		119 36	
Unexpended balances from Sundry Departments:			
Almshouse	$440 83		
Armory	648 71		
Block System	1 25		
Con. Fund B. of P. W..	10 40		
Fire	277 13		
Police.....	134 78		
Printing.....	1 35		
Sewer Maintenance ...	291 29		
Water Dept.	3,373 82		
		$5,179 56	$17,657 73

Expended.

Adams Case, Expenses of:			
Feeney, J. P., Atty. ..	$100 00		
Mudge Press	39 00		
Harris, R. O., Atty. ..	1,000 00		
Sullivan, D. L., Atty. .	160 00		
		$1,299 00	
Adding Machine:			
Wales, Adder Machine Co.		339 50	
Ambulance, Care and Hire			
Doherty, M. J.		460 10	
Assistant Assessors:			
Greenough, William F.	$32 00		
Hayward, Rufus C.....	50 50		
Jones, Aloysius	52 00		
Amount carried forward			$2,098 60

Amount brought forward			$2,098 60
Lynch, W. A.	29 00		
Martin, T. J.	52 00		
O'Neil, J. F.	42 00		
Porter, C. J.	59 75		
		317 25	
Bond: City Clerk:			
Dolan, T. H.		22 40	
Bond: Treasurer, Collector and Two Clerks:			
McDonough, Charles C.		224 00	
Boston Directory:			
Sampson, Murdock Co.		6 50	
Canvassing and Reporting Birth Returns:			
Dolan, T. H.		69 40	
Care of Flag:			
Nichols, G. W.		29 00	
Carfare City Messenger and Deputy Collector:			
Bellew, F. W.	$4 70		
Hooper, Samuel	8 80		
		13 50	
Cleaning Station:			
McCafferty, Jane		4 00	
Clerical Services:			
Andrews, Henry L. ...	$ 6 60		
Conlon, Mary	38 00		
Corry, M. L.	34 00		
Doherty, Catherine .	22 00		
Martin, Thomas J.	20 25		
Porter, Charles J.	26 00		
Sullivan, Gertrude.....	16 00		
Williams, M. P.	1 00		
		163 85	
Amount carried forward			$2,939 50

Amount brought forward			$2,939 50
Damage Claims Settled:			
Abbott, Fannie E. W.	$55 00		
Conway, P. and M. ..	40 00		
Conlin, Magraret.....	100 00		
Devlin, Mary A.	50 00		
Glennon, James E.	30 00		
Murphy, A. F.	40 00		
Tobin, Margaret	30 00		
		345 00	
Destroying Ballots:			
Quinn, Thomas		1 50	
Draping City Hall—Late City Clerk J. H. Finn Alderman McDevitt:			
N. E. Decorating Co. .		100 00	
Dry Goods Sundries:			
McGrath, J. F.		8 74	
Error In Assessing:			
Brogi, Adelaide		10 19	
Estimate Addition to Court House:			
Richards, W. P.		125 00	
Expenses, City Solicitor:			
Sullivan, D. L.		107 84	
Expenses to Criminal Court:			
Walsh, D. C.		99 00	
Expressing:			
American Express ...	3 96		
Hart Express Co.	3 85		
		7 81	
Amount carried forward			$3,744 58

Amount brought forward			$3,744 58
Filing Birth and Death Certificates:			
Allen, C. J., M. D.	$ 50		
Bixby, J. P., M. D.....	9 25		
Brown, A. S., M. D. ..	25		
Brown, W. J., M. D. .	25		
Carroll, J. P., M. D. ..	4 00		
Caulfield, T. E., M. D.	7 00		
Chalmers, Robert, M. D.	4 00		
Conlin, R. E., M. D. .	1 25		
Dame, F. R., M. D. .	25		
Dennett, D. O., M. D....	25		
Dodge, George F., M. D.	1 00		
Hutchings, J. H., M. D.	2 50		
Keleher, W. H., M. D.	11 75		
Kerrigan, J. H., M. D.	25		
Lane, C. G., M. D. ...	6 00		
Lane, A. C., M. D. ...	50		
Lynch, E. E.	11 50		
McLaughlin, B.	18 50		
O'Brien, C. T., M. D...	7 75		
Ordway, Clarence, M. D.	75		
Sheehan, M. D., ...	1 25		
Simon, H. F., M. D. ..	75		
Stewart, V. C., M. D.	10 00		
Stevens, M. M., M. D.	5 75		
Tedford, Ada H., M. D.	75		
Tripp, B. A. & C. E. .	22 25		
Reade, Lawrence	11 75		
West, F. O., M. D. ...	75		
		140 75	
Amounts carried forward			$3,885 33

Amount brought forward			$3,885 33
Germicide, etc.			
Highley's Pharmacy .		1 35	
Horse, Carriage and Auto Hire:			
Bates, J. H. & Son	$64 75		
Boutwell, G. P.	1 00		
Central House Stables .	12 50		
Doherty, M. J.	4 00		
Fitzgerald, F. A.	1 50		
Harkins, B. J.	60		
Lynch, E. E.	20 00		
McKinnon, C. E.	1 50		
O'Neil, J. F.	2 00		
Wade, H. W.	34 00		
Woburn Garage	46 00		
		187 85	
Insurance Grand Stand Library Park:			
McSweeney, B.		12 00	
Interest Defective Tax Title:			
Rogers, Harlow H.		3 32	
Killing Stray Dogs:			
Callahan, J. M.		187 00	
Liquor Licenses Refunded to State:			
Mass. Com'lth of		1 51	
McDonough Refund to Treasurer:			
Buck, John C.		15 00	
National Bank Tax:			
Mass. Com'lth of		117 29	
Oil:			
Boston Branch Grocery		09	
Amount carried forward			$4,410 74

Amount brought forward			$4,410 74
Postage, Envelopes, etc.			
Woburn Postoffice		422 09	
Posting Notices:			
Cutter, S. H.		35 00	
Preparing and Certifying Bond Issue:			
Old Colony Trust Co...		635 00	
Professional Services—Examination C. Gravelle:			
Stewart, V. C., M. D.		5 00	
Printing, Stationery, Advertising:			
American Writing Mechine Co.....	$ 6 50		
Andrews Print	64 30		
Blal, T. H.	9 75		
Barry, Beale, F. W. ..	15 00		
Carter Ink Co.	7 45		
Chapman Brothers	5 00		
Daily Times Print	332 20		
Damon, George E. ...	4 50		
Derby, H. C.	14 00		
Evening News Co. ...	459 52		
Frost & Adams	3 75		
Hobbs, George A.	5 50		
Hobbs & Warren	25 00		
Jackson, G. A.	6 00		
Leslie, J. F.	3 00		
Library Bureau	10 60		
Moore & Parker	71 93		
McArdle, H. B.	36 01		
Nagle, William J.	32 50		
Spencer, S. M. Mfg. Co.	5 16		
Union Stamp Works ..	3 00		
Wood, F. E.	25		
		1,120 92	
Amount carried forward			$6,628 75

Amount brought forward			$6,628 75
Recording Collector's Deed:			
Mass. Com'lth of		18 05	
Refunded on Defective Tax Title:			
Rogers, Harlow A. ...		118 66	
Repairing Typewriters:			
American Writing Machine Co.		12 40	
Ringing Bells:			
Brooks, O. M.	$6 00		
Grammar, W. D.	6 00		
Hammond, W. J.....	6 00		
Johnson, Carl J.	6 00		
Lynch, W. A.	3 00		
Sheerin, Thomas	3 00		
		30 00	
Sealer Supplies:			
Staton, H. N.		2 25	
Services—Possession:			
Eaton, E. S.	$5 00		
McDonough, William .	5 00		
		10 00	
Subscription:			
Banker and Tradesman		20 00	
Surveyor's Services, Plans and Supplies:			
Frost & Adams	$17 26		
Jones, W. B.....	84 75		
		102 01	
Sundries:			
McLaughlin & Dennsion		50	
Taxes Bid In By City:			
Golden, B. J., Col. ...		1,156 23	
Amount carried forward			$8,098 85

Amount brought forward			$8,098 85
Telephone and Telegraph:			
N. E. Tel. & Tel. Co. .	$215 08		
W. U. Tel. Co.	50		
		215 58	
Transfers at Registry of Deeds:			
Childs, E. O.	$45 00		
Applin, H. H.....	43 74		
		88 74	
Weight for Sealer of Weights and Measures:			
Fairbanks Co.		25	
Woburn and Winchester Directories:			
Greenough, W. A.		15 00	
July 4th Celebration.			
Printing:			
Andrews Print		3 00	
Base Ball Prize:			
No. Woburn B. B. club		50 00	
Music:			
Woburn National Band		75 00	
Ice Cream:			
Fowler, B. G.		40 90	
Hall Hire:			
Lyceum Hall Ass'n. ..		15 00	
Entertainment:			
Watt, John T.		50 00	
Amount carried forward			$8,652 23

Amount brought forward			$8,652 23
Transfer of funds to Departments which had overdrawn:			
Election Expenses	$500 96		
Health	39 30		
Interest on Municipal Debt	773 16		
Lockup	2 35		
Municipal Building ...	619 33		
Public Property	264 12		
Relief of Poor.....	61 93		
Safes and Vault Fittings	50 00		
Salaries	440 99		
Soldiers' Relief	178 30		
Street Lights	1,133 85		
Street Watering Maintenance	305 64		
Highways	218 64		
		$4,588 57	
Transfers as per vote of Council:			
Armory—Lockers	$525 00		
Fire Department Repairs Ladder Truck.....	550 00		
Flags Revolutionary Soldiers	10 00		
Old Burial Grounds ..	100 00		
Playground Equipment	500 00		
Health, Swill Collection .	281 60		
Public Convenience Station	350 00		
Public Property, Moths Sprayer	550 00		
Amount carried forward			$13,240 89

Amount brought forward			$13,240 89
Public Property, Ball Field	200 00		
Public Property, Common Hedge	175 00		
Shade Trees	300 00		
Water Works Construction, Rock St.	800 00		
		$4,341 60	
			$17,582 49
Unexpended balance Jan. 1 1912			$75 24

MUNICIPAL BUILDING.

Receipts.

Appropriation	$1,225 00	
Heat, Court House	286 32	
Transferred from Miscellaneous	619 33	
		$2,130 65

Expended.

Brooms:		
Hannaford, Mrs. T. F.	$6 17	
Bubblers:		
Shaw & Campbell ...	19 45	
Cleaning Carpet:		
Nichols, C. A.	19 72	
Cleaning Floors:		
Connolly, Mrs. J.	76 08	
Amount carried forward		$121 42

Amount brought forward			$121 42
Coal:			
Cummings, Chute & Co.		589 05	
Dry Goods Sundries:			
McGrath, J. F.		1 60	
Electrical Work:			
Davis, Frank G.	$7 84		
Queeney, Forbes Co....	8 00		
		15 84	
Expressing:			
Hart & Co.		30	
Hanging Awnings:			
Caldwell, E.		2 00	
Hardware Sundries:			
Blye, H. B.	$34 54		
Woburn Hardware Co.	1 90		
		36 44	
Janitors Service:			
Connolly, John	$600 00		
Jones, William H. ...	40 00		
		640 00	
Janitors' Supplies			
Magnet Stores Co. ...		2 25	
Light:			
Edison Elec. Illum. Co.	$302 80		
Woburn Gas Light Co..	27 20		
		330 00	
Plumbing Repairs:			
Shaw & Campbell ...		3 69	
Repairing Electric Bells:			
Sanderson, E. C.	$2 00		
Queeney, Forbes Co....	12 00		
		14 00	
Repairing Chairs:			
Caldwell, E.		18 50	
Amount carried forward			$1,775 09

Amount brought forward			$1,775 09
Sulpho-Napthol:			
Sulpho Napthol Co. . . .	$5 00		
West Disinfectant Co. .	1 50		
		6 50	
Teaming Ashes:			
O'Donnell, James		30 25	
Towels:			
N. E. Towel Supply Co.		13 00	
Work On Heater:			
Woburn Machine Co. .		305 81	
			$2,130 65

NEW WATER PUMP.

Receipts.

Unexpended balance Jan. 1, 1911		$10,344 25

Expended.

2nd Payment and balance of 1st payment Platt Iron Works	$10,922 50	
For services supervision of Construction of Plant and Pump:		
Barbour, F. A.	570 63	
		$11,493 13
Overdraft Jan. 1, 1912		$1,148 88

OLD BURIAL GROUNDS.

Receipts.

Unexpended balance Jan. 1, 1911	$100 00	
Transferred from Miscellaneous	100 00	
		$200 00

Expended.

Paid to Cemetery Commissioners	$200 00

PLAYGROUND.

Receipts.

Unexpended balance Jan. 1, 1911	$74 55

Expended.

Mowing Grass	
Loker, A. M.	3 50
Unexpended balance, Jan. 1, 1912	$71 05

PLAYGROUND EQUIPMENT.

Receipts.

Unexpended balance Jan. 1, 1911	$1 09	
Transferred from Miscellaneous	500 00	
		$501 09

Expended.

Apparatus:		
Spaulding, A. G. & Bros.	270 40	
Cement:		
Jaquith & Co.	5 50	
Erecting Apparatus and Supplying Pipe, Labor and Freight:		
Woburn Machine Co. .	98 60	
Mowing Grass:		
Loker, A. M.	3 50	
		378 00
Unexpended balance Jan. 1, 1912		$123 09

POLICE.

Receipts.

Appropriation	$15,000 00	
Municipal Loan, 1911....	1,000 00	
Fines, Gage, A. E.....	888 50	
		$16,888 50

Expended.

Brooms:			
Moore, Thomas Co. ..		$2 10	
Carriage Hire:			
Bostwick, E. R.	$1 00		
Fitzgerald, F. A.	8 75		
Harkins, B. J.	21 25		
		31 00	
Cheese Cloth:			
McGrath, J. F.		1 52	
Cleaning Supplies:			
Boston Branch Grocery		1 83	
Cleaning Station:			
McCafferty, Jane		40 00	
Cuspidors:			
Woburn Hardware Co.		80	
Docket Books:			
Andrews Print		12 00	
Draping Station:			
Waters, George E.....		5 00	
Expenses to Boston:			
Gorman, E. F.	$1 50		
McDermott, C. F.....	27 60		
O'Neil, E. T.	1 00		
		30 10	
Expressing:			
American Express Co.		20	
Ford Touring Car:			
Bates, J. H. & Son		950 00	
Garage Charges and Repairing:			
Bates, J. H. & Son		705 52	
Amount carried forward			$1,780 07

Amount brought forward			$1,780 07
Gloves:			
McGrath, J. F.		1 35	
Hardware Sundries:			
Woburn Hardware Co.		6 35	
Helmet:			
Masstriangialo, R.....		11 55	
Insurance on Auto:			
Goddard, S. B. & Son..		22 00	
Office Chair:			
Caldwell, E.		9 00	
Photographs:			
Legg, F. W.		2 00	
Printing:			
Andrews Print	$ 6 75		
The Evening News ..	14 00		
		20 75	
Professional Services:			
O'Brien, C. T., M. D.		5 00	
Rent of P. O. Box:			
Woburn P. O.		3 57	
Salaries and Pay Rolls:			
Regular Patrolmen	$13,329 17		
Special	1,333 75		
		14,662 92	
Subscription:			
Woburn Journal		3 00	
Sunday and Evening Papers:			
Moore & Parker		16 75	
Teaming Barrels:			
Central House Stables .		2 50	
Telegrams:			
W. U. Tel. Co.		2 77	
Telephones:			
N. E. Tel. & Tel. Co. .		88 34	
Amount carried forward			$16,637 92

Amount brought forward		$16,637 92
Ticket Books:		
B. & M. R. R.	2 77	
Water Rates:		
Woburn Water Bureau.	30 00	
Woburn Directory:		
Greenough, W. A.	3 00	
Transferred to Miscellaneous	134 78	
		$16,888 50

PRINTING AND STATIONERY.

Receipts.

Appropriation	$1,600 00	
Refund Library Bureau	40	
		$1,600 40

Expended.

Andrews Print	$157 75		
Ball, T. H.	7 89		
Dangel, H. & Co.	15 00		
Library Bureau	21 16		
Moore & Parker	15 61		
McMillan Book Co. ...	18 75		
The Evening News ..	1,111 99		
The Daily Times	240 40		
Wright & Potter	10 50		
		$1,599 05	
Transferred to Miscellaneous		1 35	
			$1,600 40

PUBLIC CONVENIENCE STATION.

Receipts.

Transferred from Miscellaneous	$350 00
Unexpended balance Jan. 1, 1912	350 00

PUBLIC PROPERTY.

Receipts.

Appropriation	$1,000 00	
Transferred from Miscellaneous	264 12	
		$1,264 12

Expended.

Auto Service:			
Luck, William H.		$5 00	
Care of Public Grounds:			
Keating, Timothy E.	$246 75		
McGovern, John E.	14 20		
Sheerin, Thomas	60 00		
Pay Roll	7 04		
		327 99	
Case, Collector's Office:			
Caldwell, E.		37 00	
Cleaning Vaults and Basement, City Hall			
Jones, W. H.		40 00	
Drinking Fountains:			
Jenk, The J. F. Co.		88 75	
Amount carried forward			$498 74

Amount brought forward			$498 64
Express and Freight:			
American Express Co.	$3 48		
B. & M. R. R.	25		
		3 73	
Fertilizer:			
National Fertilizer Co.		9 75	
Hauling Ashes:			
McMorrow, James ...		3 75	
Light, Library Park:			
Edison Elec. Illum. Co.		38 70	
Lime:			
Jaquith & Co.		50	
Lumber:			
Barker Lumber Co.....		22 08	
Mowing Grass Forest Park:			
Boutwell, G. A.	$5 00		
Loker, A. M.....	3 50		
		8 50	
Mowing Lawn:			
Crosby, Edward		3 75	
Plumbing Repairs:			
Stretton, W. G.		23 01	
Printing Postals:			
Evening News Co. ...		6 00	
Rent:			
Beach, Emmereta W. .	$73 49		
Emery, Carrie L.	5 40		
Cummings, C., & Co. .	60 00		
		138 89	
Repairing and Installing Lights:			
Queeney, Forbes Co....	$1 00		
Smith, M. H.	61 35		
		62 35	
Amount carried forward			$819 75

Amount brought forward			$819 75
Rope, Flag Staff:			
Woburn Hardware Co.		5 51	
Services Estimating Value of Public Buildings:			
Ring, T. J.		100 00	
Sharpening Mowers			
Lord, T. H.		3 00	
Storage:			
B. & M. R. R.		25	
Sundry Repairing:			
Caldwell, E.	$9 75		
Carroll, W. J.	14 38		
Devine, T. J.	8 64		
Leslie, J. F.	2 00		
Ring, T. J.	88 63		
Smith, A. Y.	15 13		
Stowers, E. E.	22 28		
Woburn Hardware Co.	5 55		
Woburn Machine Co.	110 82		
		277 18	
Sundry Supplies:			
Barker Lumber Co.	$22 96		
Blye, H. B.	7 49		
Central Hardware Co.	15 04		
Woburn Gas Light Co.	94		
		46 43	
Teaming Seats:			
O'Donnell, James		2 00	
Work on Flag Pole:			
Ellis, Martin		10 00	
			$1,264 12

PUBLIC PROPERTY—BALL FIELD.

Receipts.

Transferred from Miscellaneous			$200 00

Expended.

Arc Light Rental:			
Edison Elec. Illum. Co.		$3 00	
Labor on Faucet:			
W. W. M.		2 65	
Lime:			
Jaquith & Co.		1 80	
Lumber:			
Bar ker Lumber Co.....		9 49	
Mowing Library &Park:			
Loker, A. M.		3 50	
Pay Rolls:			
Pay Rolls		116 43	
Repairing Fountain:			
Woburn Machine Co. .		4 62	
Sawdust:			
Barker Lumber Co.....	$4 20		
Holmes, C. P.	3 00		
		7 20	
Set of bases:			
Iver Johnson Sporting Goods Co.		16 00	
Sundries:			
Blye, H. B.		35	
			$165 04
Unexpended balance Jan. 1, 1912			$34 96

PUBLIC PROPERTY—COMMON HEDGE.

Receipts.

Transferred from Miscellaneous		$175 00

Expended.

Grading and Seeding:		
Ellis, J. M. & Sons	$37 50	
Loam:		
Euncie Thompson Memorial Library.....	5 00	
Sgrubs, Labor, Etc.		
McManmon, J. J. ...	91 60	
Surveying Grass Plot:		
Jones, Wm. Butler ...	3 25	
		$137 35
Unexpended balance Jan. 1, 1912		$37 65

PUBLIC PROPERTY—HOSE HOUSE REPAIRS.

Receipts.

Unexpended balance Jan. 1, 1911	$202 13

Expended.

Carpenter Work:			
Stowers, Edward E. . . .		$24 02	
Painting:			
Sherbourne, C. B. . . .		3 45	
Papering:			
Cuneo, M. J.		12 25	
Repairing:			
Langill, Amos.	$91 20		
Ring, T. J.	19 80		
Woburn Machine Co. .	3 63		
		114 63	
			$154 35
Unexpended balance Jan. 1, 1912:			$47 78

PUBLIC PROPERTY—MOTHS.

Receipts.

Transferred from Miscellaneous	$550 00	
Sundry Persons	708 00	
Mass. Com'l. of	4,429 81	
Municipal Loan, 1911. . . .	6,000 00	
		$11,687 81

Expended.

Barrels:		
Nelson, M. S.	7 20	
Carfares:		
Boyle, John	11 10	
Clerical Services:		
Finn, Mary E.	135 00	
Amount carried forward		$153 30

Amount brought forward			$153 30
Envelopes, Stamps, Etc.			
Wyer, E. F.		169 98	
Expressing:			
American Express Co.	$ 75		
B. & M. R. R.	50		
Hart & Co.	22 00		
		23 25	
Filing Saws:			
Lord, T. H.	$ 1 50		
Smith, J. W.....	21 50		
		23 00	
Hardware Sundries:			
Blye, H. B. Co.	$ 1 19		
Central Hardware Co. .	25 60		
Woburn Hardware Co.	1 82		
		28 61	
Insurance:			
Blake, W. J.		18 75	
Lumber:			
Barker Lumber Co.....		1 18	
Oil:			
Shea, M. W.		8 40	
Rent of Storehouse:			
Finnegan, John C.....		120 00	
Sprayer Repairs:			
Holland Bros.....		11 00	
Stationery and Printing:			
Moore & Parker	$ 3 12		
The News Print	57 00		
		60 12	
Sundry Repairs:			
Grothe, John J.	$3 35		
Olds Gas Power Co. ...	5 57		
Woburn Machine Co. .	16 49	25 41	
			$643 00

Amounts carried forward			$643 00
Team Hire:			
Boutwell, J. E.	$175 13		
Holland Bros.	311 50		
		486 63	
Pay Rolls		10,587 53	
			$11,717 66
Overdraft, Jan. 1, 1911			$3,500 00
Overdraft, Jan. 1, 1912			$3,529 85

PUBLIC PROPERTY—SPRAYER REPAIRS.

Receipts.

Insurance:	
Fid. Phoenix Fire Insurance Co.	$139 28
Unexpended balance Jan. 1, 1912	$139 28

REAL ESTATE HELD FOR TAXES.

Receipts.

Sale of land	$35 27
Overdraft Jan. 1, 1911	1,750 53
Overdraft Jan. 1, 1912	1,715 26

RELIEF OF POOR.

Receipts.

Appropriation	$4,600 00	
Municipal Loan 1911	1,000 00	
Amount carried forward		$5,600 00

Amount brought forward			$5,600 00
Aid given Other Cities and Towns		1.083 02	
Aid Given State		13 94	
Provisions, Outside Relief		192 46	
Burial of Paupers, Massachusetts, Com'l. of		30 00	
Transferred from Miscelaneous		61 93	
			$6,981 35

Expended.

Burials:			
Doherty, M. J.	$15 00		
Lynch, E. E.	15 00		
		$30 00	
Carfare and Expenses:			
Jones, William H.	$3 90		
Leslie, J. Fred	7 85		
		11 75	
Carriage and Auto Hire:			
Fitzgerald, F. A.	$ 75		
Harkins, B. J.	25		
Luck, William	5 00		
		6 00	
Cash Aid:			
Sundry Persons		636 00	
Clothing and Sundries:			
Almshouse	$26 30		
Buckman, F. A.	48 00		
Connolly, J. G.	1 50		
McCormick, T. F.	39 25		
McGrath, J. F.	1 50		
		116 65	
Amount carried forward			$800 40

Amount brought forward			$800 40
Coal and Wood:			
Almshouse	$349 00		
Cummings, Chute Co. .	458 60		
		807 60	
Drugs, Prescriptions, Etc..			
Callahan, E. H.	$8 15		
Kelley, D. W.	148 80		
Highley, Samuel	1 65		
Whitcher, A. W.	20 15		
		178 75	
Express and Freight:			
B. & M. R. R.	$3 46		
Hart & Co. Express ..	80		
Taylor's Express	3 55		
		7 81	
Meats, Vegetables, Groceries and Fish:			
Armour & Co.	$46 00		
Bowman & Co.	241 00		
Clatur, George W.....	10 00		
Maloney, John	43 23		
Moore, Thomas Co. ...	1,376 90		
Pierce-Austin Caswell Livermore Co.	87 60		
Small, Frederick & Co...	88 56		
Squire, J. P & Co.	164 75		
		2,058 04	
Medical Services:			
Stevens, M., M. D. .	$7 50		
Stewart, V. C., M. D.	10 00		
		17 50	
Oil:			
Standard Oil Co.		45 83	
Postage and Box Rent:			
Woburn P. O.		2 40	
Amount carried forward			$3,918 33

Amount brought forward			$3,918 33
Printing and Stationery:			
Andrews Print	$ 25		
Barry, Beale, Co.	10 00		
Fairbanks, J, L.	8 50		
Moore & Parker	3 67		
McArdle, H. B.	2 70		
The Evening News ..	10 90		
		36 02	
Refund of Overpayment:			
Cambridge, City of ...		13 78	
Shoeing and Repairing:			
Grothe, J. J.	$11 35		
McCall, P.	5 00		
McKenzie, H. F.	1 60		
Tripp, B. A.	28 75		
		46 70	
Sundries:			
McGrath, J. F.	$1 75		
Woburn Hardware Co.	6 45		
		8 20	
Support and Hospital Treatment of Sundry Persons by State and Other Cities and Towns:			
Boston, City of	$433 26		
Braintree, Town of ..	83 00		
Choate Hospital	182 00		
Hingham, Town of	30 88		
Lynn, City of	173 00		
Malden, City of	199 65		
Mass., Com'l. of	765 51		
Medford, City of	118 40		
Melrose, City of	6 95		
Middleboro, Town of ..	48 00		
Amount carried forward			$4,023 03

Amount brought forward			$4,023 03
Mass. Hospital School .	200 57		
Peabody, Town of	9 00		
Quincy, City of	7 67		
Salem, City of	1 50		
Somerville, City of	52 82		
Stoneham, Town of....	50 80		
Wakefield, Town of....	8 00		
Winchester, Town of .	495 79		
Worcester, City of.....	91 43		
		2,958 32	
			$6,981 35

SAFES AND VAULT FITTINGS.

Receipts

Unexpended balance Jan. 1, 1912	$1,165 00	
Transferred from Miscellaneous	50 00	
		$1,215 00

Expended.

Safes:		
Mosler Safe Co., ...	790 00	
Vault Fittings:		
Bank and Office Equipment Co.	410 00	
Remodeling Cabinets:		
Trafton, W. C.....	15 00	
		$1,215 00

SALARIES.

Receipts.

Appropriation	$11,000 00	
Transferred from Miscellaneous	440 99	
Fees, City Clerk	779 25	
Fees, Collector	602 00	
Fees, Sealer	39 56	
		$12,861 08

Expended.

Bellew, F. W., City Messenger	$150 00	
Bixby, J. P., M. D., Bd. of Health	24 99	
Buck, John C., City Treasurer	98 21	
Carey, Daniel D., Bd of Pub. Wbs.....	250 00	
Carroll, J. P., M. D., Bd. of Health	114 11	
Caulfield, T. E.,M. D.,City Physician	400 00	
Connolly, James H., Assessor	700 00	
Conway, William H., Bd. of Pub. Wks.....	250 00	
Corry, R. H., Bd. of Health	129 43	
Corry, R. J., City Auditor	600 00	
Dinneen, M., Inspector of Plumbing	300 00	
Finn, J. H., City Clerk	733 05	
Amount carried forward		$3,749 79

Amount brought forward		$3,749 79
Finn, Mary E., Asst. City Clerk	400 00	
Gage, A. E., Assessor	700 00	
Golden, B. J., Collector of Taxes	1,000 00	
Lowell, Fred F., Reg. of Voters	100 00	
Hooper, Samuel T., Dep. Collector	500 00	
Hosmer, G. F., Sealer of Wgts. and Measures	183 26	
Kennedy, M. J., Bd. of Pub. Works	250 00	
Jones, W. H, City Almoner	219 98	
Kelley, James H., Bd. of Pub. Works	250 00	
Keleher, W. H., M. D., Bd. of Health	39 41	
Leslie, J. Fred, City Almoner	563 34	
Lynch, W. A., Clerk of Committees	383 36	
Mack, Richard T., Overseer of Poor	25 00	
Meehan, John C. Registrar of Voters	100 00	
Murray, Hugh D., Mayor	1,000 00	
McAvoy, James, Clerk Bd. of Pub. Works	500 00	
McColgan, Thomas, Sealer Wgts. and Measures	7 56	
Amounts carried forward		$9,971 70

Amount brought forward		$9,971 70
McGrath, James F., City Treasurer	901 79	
McHugh, Bernard, Assessor	270 55	
Parker, J. C. N., Registrar of Voters	100 00	
Riley, Herbert S., Assessor	29 45	
Stewart, V. C., M. D., Bd. of Health	173 31	
Stuart, J. N., Inspector of Animals	250 00	
Sullivan, D. L., City Solicitor and City Clerk pro tem	1,150 27	
West, G. W., Bd. of Health	14 73	
		$12,861 80

SCHOOLS.

Receipts.

Appropriation	67,000 00	
Unexpended balance Jan. 1, 1911	2 47	
Municipal Loan of 1911 .	4,150 00	
Bubblers for Municipal Buildings.....	16 30	
Clapp, Geo. I., Supplies .	5 45	
Clapp, Geo. I., Damage .	4 41	
Clapp, Geo. I., Tuition .	671 25	
Grass—Murray, William	95 00	
Mass., Com'l. of, Tuition.	1,006 00	
		$72,950 88

Auto Hire:		
Bates, J. H. & Son		10 50
Boiler Inspection:		
Harlow, Willis J.		16 00
Books, Stationery and Supplies:		
Allyn & Bacon	$13 35	
American Book Co.....	589 96	
Anderson, G. P.	7 50	
Andrews Print	7 30	
Atkinson, Mentzer & Grover	12 65	
Babb, Edw. E. & Co. .	797 78	
Barnard, F. J. & Co.	231 27	
Beacon, Sales Co.....	1 50	
Birchard, C. C. & Co.	5 16	
Carter Ink Co.	17 57	
Damon, Geo. E. E. Co.	5 30	
Derby, H. C.	35	
Eagle Pencil Co.	25 00	
Educational Press Co.	43 00	
Ginn & Co.	353 79	
Grennough, W. A.	3 00	
Hammett, J. L. & Co. .	329 83	
Heath, D. C. & Co. ..	231 89	
Holt, Henry Co.	73 99	
Houghton, Mifflin Co. .	26 84	
Jean, White Pub. Co.	4 50	
Kenney Bros. & Wolkins	438 36	
Knott, L. E., App. Co..	90 13	
Library Bureau	8 25	
Little, Brown & Co. ...	13 54	
McIntosh, D. C.	20 75	
McKinley Pub. Co.....	15 50	
Amount carried forward		$26 50

Amounts brought forward			$26 50
McMillan Book Co. . . .	6 90		
Milton Bradley Co. .	25 44		
Moore & Parker	36 50		
Phonograph Inst. Co..	98 88		
Sadler, Rowe Co.	382 41		
Sanborn, B. & Co.	23 52		
Scribner, Charles' Sons	41 99		
Silver, Burdett Co. . .	60 71		
The Gregg Pub. Co. .	17 79		
Thompson, Brown Co.	17 80		
		4,080 00	
Care of Grounds:			
McGovern, John C. . .	$4 50		
White, Simon	2 50		
		7 00	
Charging Extinguishers:			
Woburn Fire Dept. . . .		5 70	
Diplomas:			
Daniels, J. H. & Sons .		94 40	
Drum:			
Callahan, E. H. & Co. .		7 50	
Expenses at Library:			
Bicker, Margaret E. .		3 80	
Express and Freight:			
Hart & Co.	$9 00		
B. & M. R. R.	40		
		9 40	
Flags:			
Babb, Edw. E. & Co.		31 60	
Flag Pole:			
Hyldburg, Anthony .		4 32	
Amount carried forward			$4,270 22

Amount brought forward			$4,270 22
Fuel:			
Cummings, Chute & Co.	$4,192 94		
Eames & Carter.....	871 50		
No. Woburn Coal Co.	26 00		
Shaw & Russell	37 40		
		5,127 84	
Hall Hire:			
Lyceum Hall Ass'n. ..		25 00	
Hauling Ashes, Teaming, Etc.:			
Boutwell, G. A.	$ 5 75		
Bruce, James A.	24 00		
Caldwell, E.	6 00		
Jackson, Wm.	5 00		
Quinn, B.	21 00		
		61 75	
Hire and Repairing Chairs:			
Burnes, M. A.		27 50	
Janitor Service Battalion:			
Stowers, Fred		6 00	
Janitors' Supplies:			
McLaughlin & Dennison	$1 78		
Sawyer, A. T.....	6 54		
Stanley, Fred	21 64		
Whitcher, A. W.	9 80		
		39 76	
Labor:			
Keating, T. E.	$2 00		
Lynch, J.	60		
Sheerin, Thomas	2 00		
		4 60	
Amount carried forward			$9,562 67

Amount brought forward			$9,562 67
Light:			
Edison Elec. Illum. Co.	$38 00		
Woburn Gas Light Co..	95 88		
		133 88	
Leather:			
Hall, W. A.		3 96	
Mason Work:			
Carroll, W. J.		71 94	
Music:			
Carey Bros. Music Co.	68		
Oliver Ditson Co.	42 37		
Silver, Burdett Co.	48 77		
White, Jean Pub. Co.	6 49		
White, Smith Music Pub. Co.	16 15		
		114 46	
Pay Rolls:			
Day Schools	$57,376 61		
Evening Schools	489 00		
		57,865 61	
Painting, Repairing and Supplies:			
Barker Lumber Co.	$33 13		
Blodgett Clock Co.	21 24		
Blye, H. B. & Co.	112 88		
Caldwell, E.	10 35		
Carlson, Samuel	224 00		
Central Hardware Co.	37 67		
Flaherty, Bernard J.	6 75		
Greydon, Frank W.	140 18		
Grothe, John J.	1 35		
Holdridge Hardware Co.	5 13		
Jelly, Ward B.	9 00		
Amounts carried forward			$67,752 52

Amount brought forward			$67,752 52
Johnson, Service Co....	15 39		
Lamb, Cyrus	54 60		
Parker, E. L.	12 00		
Patten, H. S.	2 79		
Peterson, Christopher .	173 66		
Pierce, T. L.	1 35		
Preston, Edgar W. ...	36 46		
Ring, T. J.	24 60		
Shaw & Campbell	104 94		
Sherbourne, C. Boody	674 93		
Smith & Varney	3 00		
Smith, A. Y.....	4 50		
Smith, C. E.	4 25		
Stretton, W. G.	166 50		
Vickery, O. D.	24 75		
Walker, H. J.	28 37		
Waters, Daniel.....	189 72		
Williamson, D. R.	28 10		
Woburn Hardware Co.	289 06		
Woburn Machine Co. .	45 86		
Woburn Water Maintenance	60 21		
		2,546 72	
Printing and Advertising:			
Andrews Print	$59 25		
Cutter, S. H.	3 00		
Hobbs, George A.	39 25		
Library Bureau	22 25		
The Evening News ..	83 05		
The Evening Times ..	51 95		
		258 75	
Rent of Box, Stamps, Etc.:			
Woburn P. O.		56 10	
Amount carried forward			$70,614 09

Amount brought forward			$70,614 09
Rent of Superintendent's Office:			
Woburn 5c Savings Bank		200 00	
Rent of Armory:			
Mass. Com'l. of		12 00	
Repairing Flags:			
Patten, Mrs. H. S. ...		15 59	
Repairing Typewriters:			
Andrews, A. R.		2 08	
Sand:			
Highway Dept.		1 00	
Sundry Supplies:			
Burnes, M. A.	$69 50		
Caldwell, E.	53 80		
Chandler & Barber ..	13 20		
Copeland & Bowser ..	28 68		
Corey, C. W.	119 00		
Dallman, H. I. Co. ..	4 00		
Frost, Adams Co.	8 25		
Haynor, Norman Co.	8 00		
Holdridge Hardware Co.	43 10		
Howard Dustless Duster Co.	7 50		
Jameson, Frank J.....	10 55		
Jenney Mfg. Co.	69 79		
Looney, Henry J.	25 00		
McGrath, J. F.	23 28		
National Case and Carton Co.	8 00		
Perry Picture Co.	3 00		
Prang Co.	98 50		
Sawyer, A. T.....	2 09		
Shannon, J. J. & Co. .	5 00		
Somerville Brush Co. ..	12 75		
Amount carried forward			$70,844 76

Amount brought forward			$70,844 76
Thomas, F. H. Co. ..	5 30		
Trull, Benj,. L.	340 38		
Wadsworth, Howland Co.	26 11		
Whitcher, A. W.	8 22		
		993 00	
Telephones:			
N. E. Tel. & Tel. Co. .		307 46	
Tuning Pianos:			
McDonald, J. W.		12 00	
Tuition:			
Boston, City of		27 00	
Typewriters and Tables:			
Monarch Typewriter Co.		362 00	
Washing Floors:			
Carroll, James J.	$20 00		
Coleman, Mrs. E.	10 56		
Collins, Mrs. Margaret.	7 04		
Hogan, Mrs. Nellie ...	8 47		
Hurley, Mrs. Abbie ..	10 56		
Joyce, Mrs. Thomas ..	28 80		
Murphy, Mrs. M. ...	10 56		
		95 99	
			$72,642 21
Unexpended balance Jan. 1, 1912			$308 67

SHADE TREES.

Receipts.

Unexpended balance Jan. 1, 1911	$19 17	
Transferred from Miscellaneous	300 00	
		$319 17

Expended.

Expressing:		
American Express Co.	35	
Lumber:		
Barker Lumber Co.....	38 37	
Services and Carfare:		
McManmon, J. J. ...	6 80	
Team Hire:		
Holland Bros.....	3 00	
Trees:		
McManmon, J. J. ...	240 00	
		$288 52

Unexpended balance Jan. 1, 1912	$30 65

SINKING FUND.

Receipts.

From Water Department.	$17,500 00

Expended.

Applied to payment of Maturing Notes	$17,500 00

SIDEWALK AND EDGESTONE CONSTRUCTION.

Chapter 49, Section 44, R. L.

Receipts.

Commitment	$2,438 46	
Sundry Persons, Firms and Corporations	858 47	
Municipal Loan, 1911....	2,000 00	
		$5,296 93

Expended.

Coal Tar:		
Barrett Mfg. Co.	291 00	
Edgestone:		
De Carteret Bros. ...	921 81	
Freight:		
B. & M. R. R.	175 89	
Kettles:		
Woburn Machine Co. .	128 76	
Lumber:		
Barker Lumber Co.....	1 30	
Oil:		
Shea, M. W.	21 15	
Pay Roll	2,344 29	
Sand Dryers:		
Woburn Machine Co. .	180 00	
Sidewalk Composition:		
Barrett Mfg. Co.	690 38	
Twine and Rope:		
Blye, H. B. & Co.	1 85	
Use of Teams:		
Highway Dept.	176 96	
Wheelbarrow:		
Woburn Hardware Co.	2 25	
Wood:		
Hoy, Patrick	87 00	
		$5,022 64
Overdraft Jan. 1, 1911 .		$4,307 02
Overdraft Jan. 1, 1912 .		$4,032 73

SOLDIERS' RELIEF.

Receipts.

Appropriation	$1000, 00	
Transferred from Miscellaneous	178 30	
Amount carried forward		$1,178 30

Amount brought forward		$1,178 30
Refund from Town of Reading for Carriage Hire	5 00	
Refund from City of Cambridge for Fuel	4 50	
		$1,187 80

Expended.

Carriage Hire:		
Fitzgerald, F. A.	$5 00	
Pay Roll	849 00	
Wood and Coal:		
Cummings, Chute & Co.	333 00	
Prescriptions:		
Kelley, D. W.	80	
		$1,187 80

STATE AID.

Receipts.

Mass., Com'l. of	$4,955 00	
Refunds	42 00	
		$4,997 00

Expended.

Pay Rolls	$4,740 00
Overdraft Jan. 1, 1911 .	$4,951 00
Overdraft Jan. 1, 1912 .	$4,694 00

STATE TAX.

Receipts.

Appropriation		$16,885 00

Expended.

Mass. Com'l. of	$16,885 00

STATE HIGHWAY TAX.

Receipts.

Appropriation	$101 50

Expended.

Mass. Com'l. of	$101 50

STREET LIGHTS.

Receipts.

From Bank and Corporation Tax	$7,000 00	
Appropriation	7,000 00	
Transferred from Miscellaneous	1,133 85	
		$15,133 85

Expended.

Edison Elec. Illum. Co. ..	$15,133 85

STREET WATERING MAINTENANCE.

Receipts.

Commitment		$1,746 29	
Transferred from Miscellaneous		305 64	
			$2,051 93

Expended.

Pay Roll		$1,417 15	
Repairing:			
Grothe, J. J.	$104 62		
Woburn Machine Co. ...	11 54		
		116 16	
Standpipe, Labor On:			
W. W. M.		80 52	
Use of Horses:			
Fire Dept.....		188 10	
Water:			
Water Dept.		250 00	
			$2,051 93

WATER WORKS CONSTRUCTION.

Receipts.

Transferred from Water Dept. Maintenance .	$1,325 12	
Transferred from Houghton St. Account	95 00	
Transferred from Sewer Construction Account ...	7 23	
Transferred from Street Watering Account ..	27 79	
Amount carried forward		$1,455 14

Amount brought forward			$1,455 14
Received from Connections:			
Sundry Persons		537 59	
			$1,992 73

Expended.

Pay Roll		870 70	
Pipe:			
Braman, Dow Co.	$ 512 71		
Lead Lined Iron Pipe Co.	298 37		
		811 08	
Tapping Bands and Gate:			
Union Water Meter Co.		151 57	
Waste Stops:			
Union Water Meter Co.		159 38	
			$1,992 73

WATER WORKS CONSTRUCTION—MAINS—ROCK STREET.

Receipts.

Transferred from Miscellaneous	$800 00

Expended.

Pay Rolls	361 37	
Supplies		
Braman, Dow & Co. ..	124 39	
Transferred to Boviard Place Account.....	314 24	
		$800 00

WATER WORKS CONSTRUCTION—MAINS—BOVAIRD PLACE.

Receipts.

Transferred from Rock St. Account		$314 24

Expended.

Pay Rolls	120 05	
Pipe and Valves:		
Water Works Construction Dept.	95 00	
		$215 05
Unexpended balance Jan. 1, 1912		$99 19

WATER WORKS CONSTRUCTION—RELAYING MAINS.

Receipts.

Unexpended balance Jan. 1, 1911	$677 51	
Transferred from Water Dept.	5,000 00	
Water Loan, 1911	20,000 00	
		$25,677 51

Expended.

Charcoal and Coke:			
Somerville Charcoal Co.	$20 00		
Woburn Gas Light Co..	22 50		
		42 50	
Amount carried forward			$42 50

Amount brought forward			$42 50
Cooperation Cocks:			
Glauber Brass Mfg. Co.		484 75	
Freight:			
Boston & Maine R. R.		745 10	
Hydrants:			
Norwood Engine Co. .	$397 50		
Rensselaer Valve Co. . .	895 20		
		1,292 70	
Inspecting Pipe:			
Conard, Wm. R.		119 00	
Lead:			
Chadwick Boston Lead Co.	$636 08		
National Lead Co. . . .	186 20		
		822 28	
Oil:			
Shea, M. W.		58 05	
Pay Rolls		15,087 19	
Pipe:			
Builders' Iron Foundry	$99 65		
Miller, Chas. & Sons Co.	5,232 71		
		5,332 36	
Sharpening Tools:			
Welch, R. F.		130 08	
Supplies, Tools, Etc.			
Bond, H. L. Co.	$209 54		
Gilchreast, Geo. E. Co.	79 29		
Mueller, H. Mfg. Co.	270 02		
		558 85	
Tamp Irons:			
Grothe, J. J.		13 10	
Team Hire:			
Ellis, J. M. & Sons	$55 00		
Holland & Holland . .	70 75		
		125 75	
Amount carried forward			$24,811 71

Amount brought forward			$24,811 71
Telegram:			
W. U. Tel. Co.		98	
Tees—Fittings			
Builders' Iron Foundry Co.		489 19	
Valves:			
Chapman Valve Co. .	$31 05		
Kennedy Valve Mfg. Co.	307 55		
		338 60	
			$25,640 48
Unexpended balance Jan. 1, 1912			$37 03

WATERWORKS MAINTENANCE.

Receipts.

From Sundry Persons, Firms and City Depts. ...	$499 82	
From Water Rates	50,715 20	
From Sale of Old Boiler .	25 00	
		$51,240 02

Expended.

Coal and Coke:			
Baeder Coal Co.	$189 85		
Eames & Carter	29 50		
N. E. Coal & Coke Co.	2,268 04		
Woburn Gas Light Co..	3 75		
		2,491 14	
Coffee and Sandwiches:			
Whelan, W. J.		1 05	
Amount carried forward			$2,492 19

Amount brought forward			$2,492 19
Excavating:			
McLaughlin, Dennis ..		150 00	
Express and Freight:			
American Express Co.	$16 34		
B. & M. R. R.	582 02		
Hart's Express	13 40		
Sanborn's Express	15		
Taylor's Express	8 50		
		620 41	
Horse Hire:			
Holland & Holland ..		10 00	
Inspecting Pipe:			
Conard, Wm. R.		11 41	
Insurance on Boilers:			
Goddard, S. B. & Sons		75 00	
Keeping Horses:			
Highway Dept.		360 00	
Labor—Section Men:			
B. & M. R. R.		3 97	
Light:			
Edison Illum. Elec. Co.		27 00	
Lunch at Test of Pump:			
Comer, E. J.		23 80	
Mason Work:			
Carroll, W. J.		24 80	
Pay Rolls		11,695 26	
Pipe and Fittings:			
Gilchreast, Geo. E. Co.	$31 65		
Grip Coupling Co.	12 15		
Braman, Dow & Co. ..	366 20		
Hersey Mfg. Co.	33 40		
Miller & Son Co.	598 09		
Mueller, H. Mfg. Co.	32 76		
Amount carried forward			$15,403 84

Amount brought forward			$15,493 84
Rensselaer Mfg. Co. .	90 00		
Shaw & Campbell ...	6 02		
Walworth Mfg. Co....	10 85		
		1,181 12	
Printing and Stationery:			
Hobb, Geo. A.	$53 25		
Moore & Parker	16 37		
McArdle, H. B.	3 91		
The Evening News ..	42 25		
The Times Print	7 80		
Wood, F. E.	5 00		
		128 58	
Rent:			
Foster, A. J.		20 00	
Shoeing and Repairing:			
Given, F.	$122 20		
Grothe, J. J.	13 56		
Highway Dept.	2 72		
McDonald, Harold	6 00		
McKenzie, H. F.	2 15		
National Meter Co. ..	27 12		
Parker, E. S.	1 00		
Quigley, J. E.	38 63		
Union Water Meter Co.	43 45		
Welsh, R. F.....	18 80		
Wilson, Thomas.....	50		
Woburn Machine Co. .	537 66		
		813 79	
Stamped Envelopes:			
Wyer, E. F.		96 48	
Subscription:			
Banker and Tradesman	$5 00		
Shepard, F. W. Pub. Co.	3 00		
		8 00	
Amount carried forward			$17,741 81

Amount brought forward		$17,741 81
Sundry Supplies:		
American Steam Gauge & Valve Co., Gauges	65 45	
Barker Lumber Co.	184 22	
Blanchard, Geo. W.	12 00	
Bond, H. L. Co.	114 66	
Boston Steam Pump Co.	13 68	
Caldwell, E.	4 50	
Central Hardware Co.	58 25	
Claflin, C. A.	165 45	
Crandall Packing Co.	133 49	
Crown Chemical Co.	35 91	
Economy Lubricating Co.	4 00	
Edson Mfg. Co.	26 20	
Ellis, J. M. & Sons	20 00	
Emery Mfg. Co.	96 05	
Everberg, Carl	6 37	
Gurlock Packing Co.	1 72	
Gilchreast, Geo. E.	5 00	
Holdridge Hdw. Co.	251 10	
Jaquith & Co.	9 65	
Jenkins Bros.	1 78	
Joy Mfg. Co.	5 50	
Lamb, Cyrus	3 95	
McKenzie, H. F.	1 75	
Plattner, Wm.	15 00	
Preston, E. W.	2 50	
Prior, The W. A. Co.	134 60	
Renssellaer Mfg. Co.	56 62	
Revere Rubber Co.	3 66	
Richardson & Clement	33 88	
Sanitas Mfg. Co.	5 00	
Shea, M. W.	36 45	
The Hodge Boiler Wks.	3 00	
Amount carried forward		$17,741 81

Amount brought forward			$17,741 81
The L. Tredennick Paint Co.	36 00		
The Texas Co.	17 39		
Thompson Meter Co.	417 20		
Union Water Meter Co.	119 55		
Waldo Bros.	210 00		
Walker, H. J.	57 90		
Walworth Mfg. Co.	4 15		
Woburn Broom Co.	5 00		
Woburn Hdw. Co.	51 10		
Woburn Iron Foundry	31 50		
		2,461 18	
Teaming:			
Ellis, J. M. & Son	$12 50		
Holland Bros.	12 50		
		25 00	
Telephones and Telegraph:			
N. E. Tel. & Tel. Co.	$29 18		
Postal Tel. Co.	25		
Western Union Co.	5 99		
		85 42	
Testing Scales:			
Dept. of Weights and Measures		1 89	
Travelling Expenses—Registrar:			
Walsh, R. E.		3 28	
Use of Pump:			
Smith, B. F. Co.		182 50	
Transfers:			
Relaying Mains	$5,000 00		
To Interest on Water Debt	3,540 00		
Amount carried forward			$29,041 08

Amount brought forward			$29,041 08
To Construction Acct...	1,325 12		
To Sinking Fund:			
Water Loans	7,500 00		
Municipal Loans ..	10,000 00		
To Miscellaneous Debt	3,373 82		
		30,738 94	
			$51,240 02

WOBURN AUXILIARY WATER SUPPLY.

Overdraft Jan. 1, 1911 .	$2,438 63
Overdraft Jan. 1, 1912 .	$2,438 63

WATER METERS.

Receipts.

Unexpended balance Jan. 1, 1911	$5,000 00
Unexpended balance Jan. 1, 1912	$5,000 00

WOBURN PUBLIC LIBRARY.

Receipts.

Middlesex, County of—Dog Tax	$1,118 98	
Appropriation	4,000 00	
		$5,118 98

Expended.

Paid to Trustees of Woburn Public Library		$5,118 98

WOBURN SEWER CONSTRUCTION.

Receipts.

Unexpended balance Jan. 1, 1911	$1,108 66	
Municipal Loan 1911	5,050 00	
From Almshouse Repair count	5 53	
From Sundry Persons and Firms	879 82	
		$7,044 01

Expended.

Brick:			
N. E. Brick Co.		$99 75	
Cartage:			
Barker Lumber Co.....	$4 75		
Cummings, C. & Co. .	2 50		
		7 25	
Cement and Lumber:			
Barker Lumber Co.....	$206 65		
Eastern Clay Goods Co.	19 00		
Jaquith & Co.	50 65		
Winn, J. F. & Co.	31 95		
		308 25	
Clearing Closet:			
Shaw & Campbell ...		1 85	
Amount carried forward			$417 10

Amount brought forward		$417 10
Coats:		
McGrath, J. F.	2 50	
Cocks, Shutoffs, Etc.		
W. W. Construction .	7 23	
Drilling Ledge, Jones Ct.		
Ellis, J. M. & Sons	662 00	
Dry Jute:		
Bond, Harold L. Co....	5 82	
Dynamite:		
Kelley, J. F.	44 20	
Edgings:		
Eames & Carter.:.....	50	
Express:		
Hart & Co.	1 55	
Freight:		
Boston & Maine R. R.	202 22	
Iron—Frames and Covers:		
Woburn Iron FoundryCo.	91 53	
Mittens:		
Goodyear Rubber Co.	4 50	
Pay Rolls	4,735 49	
Picks, Shovels, Etc.		
Ames Plow Co.	33 42	
Pipe:		
Eastern Clay Goods Co.	468 46	
Plumbing Repairs:		
Shaw & Campbell ...	2 00	
Printing:		
Evening News Co. ...	13 00	
Sand:		
Ellis, J. M. & Sons	2 00	
Sharpening Picks:		
Welsh, R. F.....	38 69	
Amount carried forward		$6,732 21

Amount brought forward			$6,732 21
Soil Pipe:			
Stretton, W. G.	$2 00		
Walker, H. J.	3 50		
		5 50	
Superintendent's Salary:			
Bellew, F. W.		500 00	
Sundries:			
Scalley, J. F.	$5 00		
Woburn Hdw. Co.....	27 45		
		32 45	
			$7,270 16
Overdraft Jan. 1, 1912 .			$226 15

WOBURN SEWER CONSTRUCTION.

(Chapter 44, Section 32, R. L.)

Over draft Jan. 1, 1911 .	$343 71
Overdraft Jan. 1, 1912 .	$343 71

WOBURN SEWER MAINTENANCE.

Receipts.

Appropriation	$1,000 00	
Sundry Persons and Firms	43 60	
		$1,043 60

Expended.

Chloride of Lime:		
Highley's Pharmacy	$ 40	
Hardware Sundries:		
Woburn Hardware Co.	19 57	
Lumber:		
Barker Lumber Co.....	35	
Pay Rolls	627 24	
Rubbers:		
McCormick, T. F.	4 75	
Salary, Superintendent :		
Bellew, F. W.	100 00	
Transferred from Miscellaneous	291 29	
		$1,043 60

VALUATION OF CITY PROPERTY.

Schools	Buildings and Land	Contents
Hanson School and 19,571 feet land ..	$45,000	$4,900
Cummings School and 40,976 feet land .	64,100	4,637
Plympton School and 30,900 feet land	20,000	2,846
Lawrence School and 21,886 feet land .	12,500	1,078
Union Street School and 21,886 feet land	12,500	1,176
Highland School and 33,325 feet land .	18,300	1,132
Morse Street School and 9,737 feet land	2,800	527
Rumford School and 21,780 feet land ..	29,000	2,552
Johnson School and 18,000 feet land ..	12,500	1,500
Goodyear School and 24,000 feet land..	18,500	2,488
Cedar Street School and 26,037 feet land	4,000	619
Wyman School and 21,027 feet land ...	27,000	2,038
Parker School and 43,311 feet land	6,750	474
New High School and 34 69-100 acres..	150,000	15,000
Superintendent of Schools office		1,000
Fire Department and City Stables, etc., Steamer House, City Stables and 22,128 feet land	13,300	13,252
Tool house and wagon shed.....	1,500	
Steam road roller house	600	
Stone crushing plant, steam road rollers, horses used on highways, tools, etc.		12,500
Hook and Ladder House; land belongs to Cemetery Department	5,000	3,590
Hose House, No. 2 and 6,000 feet land	3,700	1,726
Hose House No. 3, land leased	3,000	2,150
Hose House No. 4, and 9,600 feet land	4,200	1,760
Hose House No. 5, land leased	2,500	2,120
Hose House No. 6 and 9,238 feet land .	8,500	2,283
Fire Alarm telegraph		10,850
Engineer's wagon, etc.		206

Almshouse, City Farm and Hospital and 35 3-4 acres	21,000	3,999
City Hall, Court House and 14,800 feet land	38,600	10,268
Armory and 10,000 feet land	22,500	824
Jonathan Thompson Trust:		
Dwelling 640 Main street	1,800	
Dwelling 642 Main street	800	
Land, 10,651 feet	1,200	
Land in rear, 38 67-100 acres	1,500	
Dwelling and store 658-660 Main street	1,800	
Barn	200	
Land, 4,000 feet	400	
Dwelling 710 Main street	600	
Barn	100	
Land, 36,840 feet	1,400	
Gravel lots	5,550	
Public Parks:		
Wyman Green, 12,612 feet	2,000	
Alfred street, 8 acres	1,600	
Hammond square, 4,170 feet	1,000	
Rag Rock, 7 1-2 acres	1,800	
Common and Statue	25,000	
Sewer Department:		
Tool house, Green streer, land leased	400	1,000
Library:		
Jonathan Thompson Library 17,922 feet land	6,100	
Woburn Public Library and 501,760 feet	150,000	750,000
House and 6,720 feet land Harrison avenue	900	
Pumping station	50,000	
Land. water shed, 33 96-100 acres	4,085	
Tool shed	100	
Barn and store house	500	
Dwelling	3,000	

INDEX

	Page
Almshouse. (See Overseers of the Poor)	242
Auditor	371
Assessors	267
Board of Health	189
Board of Public Works	295
Cemetery Commissioners	255
City Clerk	17
City Physician	249
City Solicitor	261
Collector of Taxes	273
Commissioner of Water	321
Fire Department	209
Funded Debt (See Auditor)	
Highways	302
Inspector of Animals and Provisions	253
Inspector of Milk and Vinegar	195
Inspector of Plumbing	207
Librarian	147
Loans (See Auditor)	
Overseers of the Poor	239
Police	233
Public Buildings	308
Public Library	147
Public Property	308
Schools	81
Sealer of Weights and Measures	251
Sewers	305
Treasurer	281
Valuation of City Property	485
Water Department	321

3 0112 105486309

UNIVERSITY OF ILLINOIS-URBANA

3 0112 105486309